

DoubleTime

MOBILE PHONE

User Manual

Please read this manual before operating your phone and keep it for future reference.

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Your phone features earSmart[™], an intelligent voice processor that delivers a clear voice experience, allowing you to *hear and be heard* in nearly any environment. earSmart technology uses the science of human hearing to distinguish sounds, identify your voice, and suppress surrounding noise for clear conversations just about anywhere.

How Does It Work?

- The earSmart voice processor in your phone captures your voice and all the sounds around you.
- Working like the human ear, it processes and distinguishes these sounds, isolates your voice conversation, and removes background noise from both
 ends of a call.
- It also automatically equalizes and adjusts voice volume so you can hear and talk naturally, even in the noisiest places.
- With earSmart technology, you can talk where you want, and have clear conversations for mobile calls, video chats, even speakerphone calls, without
 worrying about surrounding noise.

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Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 215.

Also included is important safety information, beginning on page 184, that you should know before using your device.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to "Securing Your Device" on page 14.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the main Home screen.

Note: All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- Notes: Presents alternative options for the current feature, menu, or sub-menu.
- Tips: Provides quick or innovative methods or useful shortcuts.
- Important: Points out important information about the current feature that could affect performance.
- Warning: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

From a Home screen, press the Menu Key
→ Settings
→ Wireless and networks → Wi-Fi settings.

Setting Up Your Phone

Prior to use, it is necessary to install both the battery and SIM into their corresponding internal compartments. The microSD TW card slot is also located in this same internal area.

Removing the Back Cover

To remove the battery cover:

- Place your thumbnail into the slot on the bottom of the phone (1) or use a pointed object.
- 2. Lift the cover up (2) and away from the phone.



Warning!: A graphite sheet is attached to the battery cover to help ensure your device does not over-heat. Be careful not to damage it when using a pointed object or your fingernail.

Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

Important!: The plug-in SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

- Carefully slide the SIM card into the SIM card socket (as shown) until the card locks into place.
 - Make sure that the card's gold contacts face into the phone and that the angled corner of the card is positioned as shown.



Note: If the card is not inserted correctly, the phone does not detect the SIM card. Re-orient the card back into the slot, if the SIM is not detected.

Installing a Memory Card

Your device lets you use a microSDTM (SD) or microSDHCTM card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This type of memory card is designed for use with this mobile phone and other devices.

- Push the microSD card into the slot (as shown) until it clicks.
 - Make sure the microSD's gold contact pins face downward and the card is securely inserted.



Note: Your phone has been tested to support up to a 32GB memory card.

For more information on Memory Cards, see "Memory Card" on page 39.

Installing the Battery

To install the battery:

- Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
- 2. Gently press down to secure the battery (2).



Replacing the Battery Cover

To replace the battery cover:

- Place the battery cover onto the back of the phone (1) and press down (2).
- Press down firmly along the edges of the cover to ensure that the cover is flush with the phone. You should hear a light click as the cover locks in place.



Note: Make sure the battery is properly installed before switching on the phone.

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. The Travel Charger that is used to charge the battery is included with your phone. Use only Samsung-approved batteries and chargers.

Note: Long backlight settings, searching for service, vibrate mode, browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the phone while the battery is charging, doing so requires additional charging time.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon () blinks and the device sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your device's display. Solid color () indicates a full charge.

When the battery level becomes too low, the phone automatically turns off.

Using the Travel Charger

 With the battery installed, locate the Charger/Accessory Port on the bottom of the phone.

Important!: Verify that the handset battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.



Plug the flat end of the Travel Charger into the Power/ Accessory Interface connector and the other end into a standard AC wall outlet. When charging is finished, remove the flat end from the interface connector jack on the phone.

Note: Failure to unplug the wall charger before you remove the battery, can cause damage to the phone.

Switching the Phone On or Off

- 1. Press and hold (0) (on the upper left side of the phone) until the phone switches on.
- 2. Sweep your finger across the glass to unlock the phone.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to "Settinas" on page 113.

- To switch off the phone, press and hold ______, until the Phone options screen displays.
- 4. Touch **Power off** to switch off the phone.

Setting Up Your Phone

When you first turn on your phone, you need to set up a few things.

- An informational screen displays describing the on-screen keyboard settings. Touch one of the following options:
 - Previous: Takes you to the previous step.
 - Emergency call: Skips the steps listed below and displays the dialer so you can make an emergency call even if your SIM card is not installed.
 - Next: Takes you to the steps listed below.
- If you have not installed your SIM card, the steps are displayed on the Insert SIM card to make calls screens. For more information, refer to "Installing the SIM Card" on page 7.

Touch Next to continue.

Read the Use Google location screen information and enable the Google location service.

Touch Next to continue.

- Touch Wi-Fi if you want to connect to Wi-Fi immediately.
 For more information, refer to "Wi-Fi" on page 146.
 Touch Next to continue.
- At the Set up accounts screen, touch one of the following options or touch Next to continue. You can set up accounts later, if you prefer.
 - Google account: Set up a Google account. For more information, refer to "Creating a New Google Account" on page 11.
 - Exchange account: Set up email with an exchange server. For more information, refer to "Signing into Your Email" on page 105.
 - Other email accounts: Set up other email accounts such as Yahoo, Hotmail, and so on. For more information, refer to "Signing into Your Email" on page 105.
- At the Set up Social Networks screen, touch one of the following options or touch Next to continue. You can set up accounts later, if you prefer.
 - Facebook: Set up a Facebook account. For more information, refer to "Facebook" on page 163.
 - Twitter: Set up a Twitter account. For more information, refer to "Adding an Account" on page 129.
 - MySpace: allows you to set up a MySpace account. For more information, refer to "Adding an Account" on page 129.

- The Learn more screen displays with a web link to learn more about your new phone.
- Touch Finish.

Creating a New Google Account

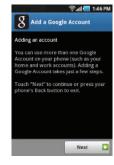
Your new phone uses your Google™ account to fully utilize its Android features, including Gmail, Maps, Navigation, Google Talk, and the Android Market.

When you turn on your device for the first time, create a new Google account or sign in to your existing Google account. Setting up a connection with your Google account helps to ensure that Google applications are always in sync between your phone and computer.

After you start your phone for the first time, follow these steps:

The **Add a Google Account** screen displays.

- 2. Touch Next to continue.
- Follow the on-screen instructions to create a Google Account or sign in to your existing Google Account.



Retrieving Your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

- From your computer, use an Internet browser to navigate to http://google.com/accounts.
- Once the URL loads, click on the Can't access your account? link.

- From the Forgot your password? page, enter your email address in the Email address field.
- **4.** Type the characters you see in the picture in the field provided and click **Continue**.
- Choose how to get back into your account and click Continue.
- Follow the password recovery procedure, which varies depending on your choice in Step 5.

Using Google Maps

In order to use some applications related to Google Maps, you must first connect Wi-Fi. For more information, refer to "Wi-Fi Settings" on page 113.

You must also enable location services to use Google Maps. Some features require Standalone or Google location services. For more information, refer to "Location and Security" on page 123.

Setting Up Your Voice Mail

1. From a Home screen, touch , then touch and hold 1 ...

You may be prompted to enter a password.

Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

- 1. From a Home screen, touch , then touch and hold
- When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail From Another Phone

- Dial your wireless phone number.
- When you hear your voicemail greeting, press the asterisk key on the phone you are using.
- Enter your passcode.

Task Manager

Your device can run applications simultaneously and some applications run in the background.

Use Task Manager to see which applications are running on your device and to end running applications to extend battery life. You can also uninstall applications from your device and see how much memory is used by applications.

Task Manager provides information about applications, including **Active applications**, **Package**, **RAM**, **Summary**, and **Help**.

To access the Task Manager:

- Touch the Active applications tab to view applications running on your device. Touch End to end an application or End all to stop all running applications.
- Touch the Package tab to view applications installed from Android Market. Touch Uninstall to remove an application from your device.
- Touch the RAM tab to display the amount of Random Access Memory (RAM) currently in use.

- Touch the Summary tab to view internal and external storage memory statistics.
- Touch the Help tab to view useful tips for extending battery life.

Tip: To launch Task Manager from any screen, touch and hold the Home Key , then touch Task Manager.

You can also access Task Manager from the **Program Monitor** widget. For more information, refer to "Widgets" on page 27.

Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see "Set Screen Lock" on page 124.

For other settings related to securing your device, see "Location and Security" on page 123.

Note: Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the main Home screen.

Locking the Phone Manually

▶ Press the Power/Lock Key ①

Unlocking the Phone

1. Press the Power/Lock
Key ① .

and OFF modes.

Touch and drag **Unlock** (a) from left to right.

You can also set the master volume level from the lock screen. Touch and drag Sound from right to left to toggle Sound between ON



Note: You can choose the type of Screen Unlock you want to use, either Pattern or Password. For more information, refer to "Location and Security" on page 123.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to close all programs or reset the device to regain functionality.

- If your device is still responsive, but a program is frozen, close the program using the Task Manager. For more information, refer to "Task Manager" on page 13.
- If your device is frozen and unresponsive, press and hold the Power/ Lock Key for 8 to 10 seconds.

Android System Recovery

Android System Recovery is used for Google updates. The average user should never need to perform a system recovery.

Note: If you entered this menu by mistake, use the Volume Up/Down keys to select reboot system now, then press the Power key. Your phone then continues to boot up.

To enter the Android System Recovery mode, follow these steps:

 With the phone turned off, open the phone and press the Power key and the T key at the same time until the phone switches on.

- Once the AT&T logo appears, release the Power key while continuing to press the T key.
- Continue to press the T key for at least 8 seconds, until Recovery mode is launched and the Android System Recovery screen is displayed on the outer screen.
- 4. Release the T key.
- 5. The following options are available:
 - **reboot system now**: This option turns on your phone.
 - apply sdcard:update.zip: This option allows you to apply updates to your phone.
 - wipe data/factory reset: Deletes all data from the phone except captured pictures and videos. For more information, refer to "Factory Data Reset" on page 130.
 - wipe cache partition: Allows you to delete all cache data such as log files.
- **6.** Use the Volume Up/Down keys to scroll up or down, then use the Power key to make a selection.

Safe Mode

You can boot your phone into Safe Mode if you want to troubleshoot whether added applications are causing problems with the device. Safe mode only loads basic system software.

- 1. Make sure your phone is turned off.
- 2. Press and hold the **Power/Lock Key** () to boot up your device.
- After the animation starts to display, repeatedly press the Menu Key

When the Home screen is displayed, **Safe mode** is displayed in the lower left corner of the screen.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone and provides information on using a memory card.

Features of Your Phone

Your phone is lightweight, easy-to-use, and offers many useful features. The following list outlines a few of the features included in your phone.

- Touch screen provides quick response to a variety of in-phone menus and options including applications and seven home screens
- Android[®] 2.2 OS, Android MarketTM, plus pre-loaded applications
- Ready access to the Internet
- Built-in Bluetooth[®] 3.0 Wireless technology. For more information, refer to "Bluetooth Settings" on page 114.
- Built-in Wi-Fi technology (802.11 b/g/n)
- . Dual screen design with 3.2 inch HVGA multi-touch screens
- 3.2 Megapixel camera and camcorder
- Four-row keyboard with ideally spaced keys and dedicated android keys

- · Messaging Features:
- Gmail
- Email (corporate and personal)
- Google Talk™
- Support for microSD™ and microSDHC™ Memory Cards, which are used for data storage and access
- AT&T GPS Navigation functionality provides real-time navigation
- HSDPA 7.2 mbps high speed download capability
- Assisted GPS (TeleNav GPS Navigation)
- 106 MB of internal storage which can be expanded to 32 GB with a memory card
- Sync and update social network applications

Front View of Your Phone

The following items can be found on the front of your device as illustrated.

- 1. External Speaker: Allows you to hear the caller.
- Home Screen: The starting point for using your device. For more information, refer to "Home Screen" on page 20.
- 3. Menu Key: Press to display options for the current screen.
- Home Key: Press to display the main Home screen. Press and hold to display recent applications or to launch Task Manager.
- 5. Back Key: Press to return to the previous screen or option.
- Search Key: Press the Search Key to search the web and your device.



Side View of Your Phone

The Volume Key can be found on the side of your device. It allows you to adjust the ringer volume while in standby mode or adjust the voice volume during a call. When receiving an incoming call, briefly press down either end of the volume key () to mute the ring tone. Press and hold either end of the volume key to reject the call and send it directly to voicemail.



Back, Top, and Bottom Views of Your Phone

- 3.5mm Headset jack: Plug in optional headphones.

3. External speaker:

Allows you to hear the Speakerphone, music or video playback, notification tones, and other sounds.

- Camera lens: Used to take photos and record videos.
- Port: Allows you to connect a Travel Charger or other optional accessories such as a USB/data cable to sync music and files.



Microphone: Allows other callers to hear you when you are speaking to them.

Home Screen

The Home screen is the starting point for using your device. Place shortcuts, widgets, and other items to customize your device to your needs.

Note: Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the main Home screen.

- Status Bar: Presents icons to show notifications, battery power, and connection details. For a list of icons, see "Status Bar" on page 24.
- Home screen indicator: Indicates which Home screen is presently displayed.
- Widgets: Applications that run on the Home screen. These widgets are found on the Home screen by default. For more information, refer to "Widgets" on page 27.
- Shortcuts: Shortcuts to common applications. These shortcuts are found on the Home screen by default. For more information, refer to "Shortcuts" on page 28.

Primary Shortcuts: Shortcuts to common features. For more information, refer to "Primary Shortcuts" on page 26.



Extended Home Screen

The Home screen consists of the Home panel, plus four panels that extend beyond the display width to provide more space for adding shortcuts, widgets, and folders.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the top of the display shows your current position.

For more information, refer to "Menu Navigation" on page 35.

Customizing the Home Screen

To customize the Home screen to suit your preferences just navigate to the desired Home screen, then touch and hold on the screen to display the **Add to Home screen** menu. Then touch one of the options:

- Widgets: For more information, refer to "Widgets" on page 27.
- Shortcuts: For more information, refer to "Shortcuts" on page 28.
- Folders: For more information, refer to "Folders" on page 30.
- Wallpapers: For more information, refer to "Wallpapers" on page 30.

Display Settings

You can customize display settings to your preferences. For more information, refer to "Display" on page 123.

Navigating Your Device

Use command keys and the touch screen to navigate.

Command Keys

Menu Key

Press the **Menu Key** to display options for the current screen or feature.

Home Key

Press the **Home Key** to display the first Home screen.

Press and hold the **Home Key** to launch a menu of recent applications or to launch Task Manager.



Back Key

Press the **Back Key** to return to the previous screen, option, or step.

Google Search

Touch the **Google Search** widget or press the **Search Key** to search the web and your device. The Google Search widget is found on the Home panel by default. For more information, refer to "Google Search" on page 164.

Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Press the Menu Key
- · Press and hold on an item.

Finger Gestures

Touch

Touch items to select or launch them. For example:

- Touch the on-screen keyboard to enter characters or text.
- . Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate on-screen items. For example:

- Touch and hold a widget on a home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

- · Unlocking the screen
- . Scrolling the Home screens or a menu.

Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out. For example:



- Pinch a Home screen to show customization options.
- Pinch a photo in Gallery to zoom in.

Notification Panel

The Notification Panel shows information about connections, messages, and other items.

To display the Notification Panel:

Sweep your finger downward from the top of the screen.

From the Notification Panel, the following options are available:

- . Touch an icon to activate the feature.
- 2. Touch to clear all notifications.
- 3. Touch a notification to open the application.
- Touch and hold, then slide your finger up to close the Notification Panel or touch the Back Key



Icons

Icons at the top of the Notification Panel show status for:

- Wi-Fi: Touch to enable or disable Wi-Fi. For more information, refer to "Wi-Fi" on page 146.
- BT: Touch to enable or disable Bluetooth. For more information, refer to "Bluetooth" on page 148.
- GPS: Touch to enable Standalone GPS services. For more information, refer to "Use GPS Satellites" on page 124.
- Flight Mode: Touch to toggle Flight Mode On or Off.

Screen Rotation: Touch to enable or disable auto screen rotation.
 When enabled, the screen orientation changes when you rotate the device. When disabled, the screen locks in the current orientation (horizontal or vertical) and the orientation does not change when you rotate the device.

Clearing Notifications

- Sweep your finger downward from the top of the screen to display the Notifications Panel.
- 2. Touch a notification to clear it.
 - or –

Touch Clear to clear all notifications.

Display Layout

Your display screen provides a wealth of information about the phone's status and options, as well as providing access to application icons. For more information, refer to "Front View of Your Phone" on page 18.

Status Bar

The Status Bar displays icons to show network status, battery power, and other details.



System Alert: Check Notifications Panel for alerts. For more information, refer to "Notification Panel" on page 22.



Battery Level: Shown fully charged.



Charging Indicator: Battery is charging. Displays when connected to a standard AC wall outlet or to a computer by way of a USB cable.



Device Power Critical: Battery has only three percent power remaining. Charge immediately.



Battery Full: Battery is fully charged. Disconnect device from power source.



Signal Strength: The greater the number of bars, the stronger the signal.



USB Connected: Phone is connected to a computer using a USB cable.



USB Debugging: Device is connected to a computer in debugging mode. For more information, refer to "USB Debugging" on page 129.



Updates Available: Updates to the applications you have downloaded are available.



Upload in Progress: Data is being uploaded to another device.



Download in Progress: An application is being downloaded to the device



Download Successful: A recent software download was successfully downloaded.



Flight Mode: Indicates that Flight Mode is active, which allows you to use many of your phone's features, but it cannot send or receive any calls or access online information.



No SIM Card: Displays when there is no SIM card in the phone.



Preparing SD Card: A memory card is installed.



Remove SD Card: Displays when an external microSD memory card is safe to remove.



SD Card Full: Displays when an external microSD memory card is full.



Call In Progress: Displays when a call is in progress.



Call On Hold: Displays when a call is on hold.



Speakerphone On: Displays when the speakerphone is on.



Missed Call: Displays when a call has been missed.



Call Forwarding: Displays when Call forwarding is set to Forward always. For more information, refer to "Call Settings" on page 118.



EDGE Network Active: Displays when your connection to an EDGE network is active.



EDGE Network Communicating: Displays when your phone is communicating with the EDGE network.



3G Network Active: Displays when your connection to a 3G network is active



3G Network Communicating: Displays when your phone is communicating with the 3G network.



New Gmail Message: Displays when you have new Gmail.



New Email Message: Displays when Email is received.



New Message: Displays when a new text or multimedia message is received.



New Voice Mail Message: Displays when a new voice mail is received.



Google Talk Invitation: Someone has invited you to chat using Google Talk. For more information, refer to "Google Talk" on page 109.



Refresh: An account is being refreshed.



Alarm Set: Displays when you set an alarm to ring at a specified time. For more information, refer to "Clock" on page 160.



Silent Mode: Displays when the Sound profile is set to Silent mode and Vibrate is set to **Never** or **Only when not in silent mode**.



Vibrate Mode: All sounds are silenced, and Vibrate is set to **Always** or **Only in Silent mode**.



Bluetooth Active: Bluetooth is turned on.



Wi-Fi Active: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



Wi-Fi Action Needed: Action needed to connect to Wireless Access Point (WAP).



Acquiring GPS Signal: Displays when GPS is acquiring a signal.



GPS Active: Displays when GPS is active.



Navigation Active: The Navigation app is active. For more information, refer to "Navigation" on page 171.



TTY Active: Displays when a TTY device has been inserted.

For more details on configuring your phone's settings, see "Settings" on page 113.

Customizing Your Home Screen

You can customize your Home screen by doing the following:

- Creating Shortcuts
- · Adding and Removing Widgets on a Home screen
- · Repositioning Widgets
- Creating Folders
- Changing the Wallpaper
- . Adding and Deleting Home Screens

Primary Shortcuts

There are four non-movable Application Shortcuts that appear at the bottom of all Home screens. The default shortcuts are:



Phone: Make a telephone number. For more information, refer to "Call Functions" on page 52.



Messaging: Create and send text messages. For more information, refer to "Creating and Sending Messages" on page 96.



Web: Access the Internet. For more information, refer to "Web" on page 139.



Applications: Access applications on your phone. For more information, refer to "Applications" on page 153.

While viewing the Applications Menu, the Application shortcut changes to **Home**, which returns you to the Main screen.

You can change the Phone, Messaging, and Web application shortcuts to any icon that is displayed in the Applications menu.

For more information, refer to "Adding and Removing Primary Shortcuts" on page 37.

Widgets

Widgets are self-contained applications that you can place on a Home screen to access your favorite features. Widgets reside in either your Applications tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an on-screen application.

Note: To move a Widget from one Home screen to another, touch and hold the Widget, drag it to the left or right, and drop it on the new Home screen.

Adding Widgets to a Home Screen

- Navigate to the desired Home screen, then touch and hold on the screen to display the Add to Home screen menu.
- Touch Widgets, then touch a widget to add it to the Home screen.

Removing Widgets

- 1. Touch and hold the Widget until **Remove** appears at the bottom of the screen.
- Drag the Widget to the Remove icon. When the Widget turns red, release it.

Note: This action deletes the icon used to access the Widget, not the Widget application. The removed Widget can be added again at any time.

Widgets List

The following is a list of the Widgets available on your device.



Analog clock: Display the time on a Home screen, add alarms, and access the Clock app. For more information, refer to "Clock" on page 160.



Calendar: With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary. For more information, refer to "Calendar" on page 158.



Dual clock: Display the date and time for two different locations. For more information, refer to "Dual Clock" on page 163.



Facebook: Log on and access the Facebook application. For more information, refer to "Facebook" on page 163.



Google Search: Display a Google Search bar. For more information, refer to "Google Search" on page 164.



Latitude: Locate your friends on a map, and share or hide your location. For more information, refer to "Latitude" on page 165.



Market: Download applications from the Android Market. For more information, refer to "*Market*" on page 169.



News & Weather: Display current news and weather for your location. For more information, refer to "News & Weather" on page 173.



Picture frame: Display a picture on a Home screen.



Power control: Control Wi-Fi, Bluetooth, and GPS connections, and set automatic synchronization and brightness settings. For more information, refer to "Power Control" on page 174.



Program Monitor: Display the number of active applications. Touch to launch Task Manager. For more information, refer to "*Task Manager*" on page 175.



Rate Places: Automatically searches for places near your location, enabling you to give quick, convenient ratings. For more information, refer to "Places" on page 174.



Time: Displays a clock, digital time, day, and date.



Yahoo finance: Search for and add stocks. For more information, refer to "Yahoo Finance" on page 177.



YouTube: Search YouTube and watch videos. For more information, refer to "YouTube" on page 179.

Shortcuts

Use Shortcuts for quick access to applications or features, such as Email or other applications.

Shortcuts are different than the current Home screen Widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.

Note: To move a Shortcut from one Home screen to another, touch and hold the Shortcut, drag it to the left or right, and drop it on the new Home screen.

Adding Shortcuts from a Home Screen

- Navigate to a Home screen panel, then touch and hold on the screen to display the Add to Home screen menu.
- Touch Shortcuts, then touch a selection, then follow the prompts to add it to the Home screen.



Applications: Launch an application. For a list, see "Applications List" on page 31.



Bookmark: Launch a bookmarked web page.



Contact: Call or email a contact, or access the contact's information. For more information, refer to "Contacts and Your Address Book" on page 64.



Direct dial: Call a contact.



Direct message: Send a contact a message.



Directions & Navigation: Get directions and navigation from Google Maps.



Email: Access an Email account. Appears once an Email account is set up. For more information, refer to "Email" on page 105.



Gmail label: Access a Gmail label. Appears once a Gmail account is set up. For more information, refer to "Gmail" on page 102.



Latitude: Locate your friends on a map and share or hide your location.



Music playlist: Add a music playlist to a Home screen for convenient access. For more information, refer to "Working with Playlists" on page 79.



Settings: Go to a specific setting.

Adding Shortcuts from the Applications Menu

- Navigate to a Home screen panel.
 - 2. Touch Applications 🔠
- Touch and hold on an application icon. The Shortcut icon is automatically placed on the selected Home screen.

Removing Shortcuts

1. Touch and hold the App Shortcut until Remove iii appears at the bottom of the screen, then drag the Shortcut to the **Remove** icon. When the shortcut turns red. release it.

Note: This action deletes the icon used to access an app, not the app. The removed Shortcut can be added again at any time.

Folders

Place Folders on a Home screen to organize items together on the Home screen.

- 1. Navigate to the desired Home screen, then touch and hold on the screen to display the Add to Home screen menu.
- Touch **Folders**, then touch a selection:



New folder: Create a new empty folder.



All contacts: Create a folder containing all contacts.



Contacts with phone numbers: Create a folder containing contacts with stored phone numbers.



Received list from Bluetooth: Create a folder containing a list of items received from Bluetooth.



Starred contacts: Create a folder containing your favorite contacts

Removing Folders

- 1. Touch and hold the Folder until Remove man appears at the bottom of the screen.
- Drag the Folder to the **Remove** icon. When the Folder turns red, release it.

Wallpapers

You can choose a photo to display in the background of the Home screen. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

- 1. From a Home screen, touch and hold on the screen to display the Add to Home screen menu, then touch Wallpapers.
 - or -

From a Home screen, press the Menu Key



→ Wallpaper.

- **2.** Choose a source for images:
 - Gallery: Access the Gallery to choose a picture from an installed memory card. Touch a picture to select it, then use the crop tool to resize the picture, if desired. Touch Save to save the picture as wallpaper.
 - Live wallpapers: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. Touch Set wallpaper to save your choice.
 - Wallpaper gallery: Choose from pre-loaded wallpaper images.
 Touch a wallpaper, then touch Set wallpaper.

Applications

The Applications screen holds all applications on your wireless device. Applications that you download and install from the Android Market or from the web are also added to the Applications screen.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to "Adding Shortcuts from the Applications Menu" on page 29.

- From a Home screen, touch Applications
- Slide your finger across the screen left or right to scroll through the Applications screens.

- 3. Touch an icon to launch the application.
- 4. Follow the on-screen instructions.
 - . To return to the Home screen, press 🦳 .

For information on navigating through the Applications icons, see "Navigating Through the Application Menus" on page 36.

Applications List

The following is an alphabetical list of the applications that come preloaded on your device. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.



AT&T Code Scanner: AT&T Code Scanner allows you to scan 2D (QR and datamatrix codes) and 1D (UPC and EAN) barcodes found in magazines, stores, and online. For more information, refer to "AT&T Code Scanner" on page 154.



AT&T FamilyMap: provides peace of mind by being able to conveniently locate a family member from your wireless phone or PC and know that your family's location information is secure and private. For more information, refer to "AT&T FamilyMap" on page 154.



AT&T Navigator: AT&T Navigator provides you with access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches based on a variety of category parameters. For more information, refer to "AT&T Navigator" on page 155.



Books: Read eBooks from the web-based Google Books service. For more information, refer to "Books" on page 156.



Calculator: Using this feature you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division. You can also use this as a scientific calculator. For more information, refer to "Calculator" on page 158.



Calendar: With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary. For more information, refer to "Calendar" on page 158.



Camera: Use your 3.2 megapixel camera feature to produce photos in a JPEG format. For more information, refer to "Camera" on page 82.



Clock: The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer. For more information, refer to "Clock" on page 160.



Contacts: You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group. You can also synchronize your phone Address Book with AT&T Address Book, the network backup service. For more information, refer to "Contacts and Your Address Book" on page 64.



Email: Email enables you to review and create email using AIM®, AOL®, Yahoo!® Mail, Comcast, Compuserve, Earthlink, Gmail, HotPOP, Juno, Mac, NetZero, SBC Yahoo! and several other email services. You can also receive text message alerts when you receive an important email. For more information, refer to "Email" on page 105.



Facebook: Log on and access the Facebook application. For more information, refer to "Facebook" on page 163.



Gallery: The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to "Gallery" on page 88.



Gmail: Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to "Gmail" on page 102.



Google Search: The Google Search Bar provides an on-screen Internet search engine powered by Google™. For more information, refer to "Google Search" on page 164.



Latitude: With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location. For more information, refer to "Latitude" on page 165.



Live TV: Live TV is a subscription service that allows you to watch your favorite TV shows using your handset. For more information, refer to "Live TV" on page 166.



Maps: Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends. For more information, refer to "Maps" on page 167.



Market: Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone. For more information, refer to "Market" on page 169.



Memo: This feature allows you to create a memo. For more information, refer to "Memo" on page 170.



Messaging: You can send and receive different types of messages. By default, a shortcut to Messaging appears on Home screens as a Primary Shortcut. For more information, refer to "Messaging" on page 96.



Music: Music Player allows you to play music files that you have stored on your microSD card. You can also create playlists. For more information, refer to "*Music*" on page 77.



My Files: Use My Files to manage your sounds, photos, videos, bluetooth files, Android files, and other memory card data in one convenient location. For more information, refer to "My Files" on page 171.



myAT&T: myAT&T allows you to manage your own AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan. For more information, refer to "myAT&T" on page 171.



Navigation: Navigation is an internet-connected GPS navigation system with voice guidance. You can type or speak your destination. For more information, refer to "Navigation" on page 171.



News & Weather: Display current news and weather for your location. For more information, refer to "News & Weather" on page 173.



Places: Places is an application that uses Google Maps and your location to help you find Restaurants, Coffee, Bars, Hotels, Attractions, ATMs, and Gas Stations. You can also add your own locations. For more information, refer to "Places" on page 174.



Settings: This icon navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone. For more information, refer to "Settings" on page 113.



Talk: Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to "*Talk*" on page 175.



Task Manager: The Task Manager application provides information about the processes and programs running on your phone, as well as the memory status. It can also be used to terminate processes and applications. For more information, refer to "Task Manager" on page 175.



Voice Recorder: The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message. For more information, refer to "Voice Recorder" on page 176.



Voice Search: The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said. For more information, refer to "Voice Search" on page 177.



Web: Open this app to start surfing the web. The Web browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone. By default, a shortcut to Web appears on the main Home screen as a Primary Shortcut. For more information, refer to "Web" on page 139.



YouTube: YouTube is a video sharing website on which users can upload and share videos, and view them in MPEG-4 format. For more information, refer to "YouTube" on page 179.



YP: The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. This application allows you to search local businesses, locations, and events in real-time. For more information, refer to "Yellow Pages" on page 181.

Tip: To open applications quickly, add the icons of frequently-used applications to the Home screen or to the folders you created. For details, see "Customizing Your Home Screen" on page 26.

Menu Navigation

You can tailor the phone's range of functions to fit your needs using both menus and widgets. Menus, sub-menus, and features can be accessed by scrolling through the available on-screen menus. Your phone originally has five home screens.

Home Screen Overview

The main Home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or Google widgets to give you instant access to information and applications. This is the default page and accessible from any menu by pressing the **Home Key**

Navigating Through the Home Screens

Your phone originally has five home screens. If you like, you can place different applications on each of the home screens.

From the main Home screen, sweep the screen with your finger in either direction. The main Home screen is located in the middle with two Home screens on each side.



Navigating Through the Application Menus

There are three Application Menus available. Follow these steps to navigate through the Application Menus:

- From a Home screen, touch Applications .
 The first Application Menu displays.
- 2. Sweep the screen to access the other two menus.
- 3. Touch one of the application icons.





Navigating Using Sub-Menus

Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Web.

To access a sub-menu:

- Press the Menu Key .
 A sub-menu appears at the bottom of the phone screen.
- Touch an option.



Accessing Recently-Used Applications

- Press and hold the Home Key from any screen to open the recently-used applications window.
- 2. Touch an icon to open the selected application.

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts with the exception of the **Applications** and **Home** shortcuts.

- 1. Press the **Home Key** to activate the Home screen.
- Touch Applications to display your current applications.
- Press the Menu Key and touch View type.
- Touch Customizable grid.
 A green circle appears next to the option.
- 5. Press the Menu Key and touch Edit.
- 3. Scroll through the list and locate your desired application.
- 7. Touch and hold the on-screen icon, then drag it over the primary shortcut that you want to replace. The new primary shortcut then appears at the bottom of the screen. The old primary shortcut returns to the menu.

- Press the **Menu Key** and touch **Save**.
- Press the **Home Key** to return to the Home screen. The new primary shortcut now appears on all Home screens

Note: When a primary shortcut is removed, it appears as an option in the Application menu.

Moving Icons in the Applications Menu

- Press the **Home Key** to activate the Home screen.
- Touch **Applications** H to display your current applications.
- Press the **Menu Key** and touch **View type**.
- Touch Customizable grid. A green circle appears next to the option.
- Press the Menu Kev and touch Edit.
- Scroll through the list and locate the icon you want to move.

- 7. Touch and drag the icon to the position that you want. To move to a different page, drag the icon to the edge of the page until the page scrolls to the desired page.
- Press the **Menu Key** and touch **Save**.
- Press the **Home Key** to return to the Home screen.

Moving, Adding, and Removing Home Screen Panels

Your device comes with five Home screen panels. You can customize the Home screen by removing or adding panels.

Note: The panel in the middle position displays when you press the Home Key

From a Home screen, press the Menu Key \implies Edit.



Tip: You can also display Edit options by pinching the Home screen.

- To rearrange the order of panels, touch and drag a panel to a new location.
- to add a new panel, up to a total of seven. This option is available when less than seven panels have been added

 To remove a Home screen, touch and drag a panel to the Trash Can

If there are items on the Home screen that you want to delete, the **This page has items, remove?** prompt is displayed.

Touch **OK** to remove the page, otherwise, touch **Cancel**.

5. Press the **Home Key** to return to the Home screen.

Memory Card

Your device lets you use a microSDTM (SD) or microSDHCTM card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

Note: This device comes with a 2GB microSD card installed.

Using the SD Card

There are several methods for using the SD card:

- Connecting to your PC to store files, such as music, videos, or other types of files and media.
- To activate the camera, video, music player, and other dependant media or applications.

Important!: The Camera, Music Player, and Video functionality is all dependant on a mounted SD card. Your device can support SDHC cards up to 32GB capacity.

SD Card Overview

After mounting an SD card in the device you can use your computer to access and manage the SD card.

Important!: If access to the external SD card is not available, download and install the USB drivers.

Mounting the SD Card

To store photos, music, videos, and other applications. You must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

Important!: You must disable USB storage to mount the SD card.

To mount the SD card:

- Insert the SD card into the external, SD card slot. For more information, refer to "Installing a Memory Card" on page 7.
- Your SD card is scanned to see the available information on it.

Unmounting the SD card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

- From a Home screen, touch Applications
 → Settings → SD card and phone storage.
- Touch Unmount SD card.
- When the SD card safe to remove message displays at the top of your display, open the phone and remove the SD card. For more information, refer to "Installing a Memory Card" on page 7.

SD Card Available Memory Status

To view the memory allocation for your external SD card:

- From a Home screen, touch Applications
 → Settings → SD card and phone storage.
- The available memory displays under the Total space and Available space headings.

Moving Downloaded Apps to the SD Card

Once an application is downloaded to your device, it can be moved to the microSD card in order to save your phone's memory.

- Touch the application that you want to move to the microSD card.
- Touch Move to SD card.

Note: If the application cannot be moved to the microSD card, Move to SD card is dark and cannot be selected.

Erasing Files from the SD Card

You can erase files from the SD card using the phone.

- Ensure the SD card is mounted. For more information, refer to "Mounting the SD Card" on page 40.
- 2. From a Home screen, touch Applications
 → Settings → SD card and phone storage.
- Touch Unmount SD card.
- 4. Touch Format SD card.
- At the Format SD card confirmation prompt, touch Format SD card.

Warning!: Performing the next step erases all data stored on the SD card.

Touch Erase everything to format or press the Back Key to cancel.

Section 3: Entering Text

This section describes how to select the a text input method when entering characters into your phone. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your phone comes equipped with an orientation detector that can tell if the phone is being held in an upright (portrait) or sideways (landscape) orientation. This is useful when entering text.

This phone also offers the convenience of a four-row QWERTY keyboard with dedicated Android keys.

Your phone not only provides several on-screen keypad text entry options, but also provides handwriting recognition to make the task of text entry that much easier.

Virtual QWERTY Keyboard

Your device uses a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

The virtual QWERTY keyboard displays at the bottom of the screen. By default, when you rotate the device, the screen

orientation updates to display the keyboard at the bottom of the screen.



Swype Keyboard

Text Input Methods

There are two text on-screen input methods available:

- Swype: Swype is a new text input method that allows you to enter words by gliding your finger over the virtual QWERTY keyboard, lifting your finger between words. You can also enable Word prediction, which matches your key touches to common words
- Android keyboard (default): An on-screen QWERTY keypad that can be used in both portrait and landscape orientation.

When the phone is open, the screen display is landscape only and the QWERTY keyboard must be used. For more information, refer to "Using the QWERTY Keyboard" on page 48.

Changing the Input Method

When entering text, you can select the text input method.

- 1. From a Home screen, touch Applications
 - → Settings → Locale and text → Select input method.
 - or -

Touch and hold an input field until the Edit text pop-up displays, then touch **Input method**.

- 2. Touch the Swype or the Android keyboard option.
 - A green circle appears next to your choice.
- 3. Press to return to the previous menu, if necessary.

For more information, refer to "Select Input Method" on page 133.

Entering Text Using Swype

Swype[™] is a new way to enter text on touch screens. Instead of touching each key, use your finger to trace over each letter of a word. For each word, place your finger on the first letter and glide to the subsequent letters, lifting on the last letter.

This example shows how to enter the word "this". Put your finger down on the "t" and, without lifting, glide it to the "h", then to the "i", then over to the "s".



Swype Text Entry Tips

Here are a few tips to get you started:

- Spacing is automatic: When you finish a word, just lift your finger and start the next word.
- Double letters: Just "scribble" on the key.
- Capitalization: Swype recognizes and capitalizes the first word of sentences. If you want to capitalize a word that is not at the beginning of a sentence, just glide above the keyboard before gliding over the next letter.

- Contractions: Swype recognizes most words that include an apostrophe, just swype the letters of the word, including the apostrophe.
- Punctuation: Touch and hold a key to view a punctuation menu and make a selection.
- Accented characters: Just glide through the letters of the word.
 Swype usually recognizes the word and correctly accents the letters.
- Error correction: If you make a mistake, double-tap on the word you
 want to change. Then touch the delete key to erase one character.
 Touch and hold the delete key to erase an entire word.

Configuring Swype

Configure Swype to your preferences.

- For more information, refer to "Swype Settings" on page 133.
- While entering text, touch Swype → Options.

Swype Help

While entering text, you can get tips and help about using Swype.

- Touch Swype to show Tips. Touch More on This? to see more.
- Touch Swype → Tutorial for an interactive tutorial.

Entering Symbols and Numbers

Using the Swype Keyboard:

- Touch and hold on a key to enter the symbol or number at the top of the key.
- Touch and hold on a key until a menu of all characters available on that key appears, then touch a character to enter it.
- Touch SYM Symbols to switch to the numeric and symbols keyboard and quickly enter numbers, mathematical operators and additional symbols.
- Touch Apr Alphabetic to display the alphabetic keyboard.

Using Swype Speech Recognition

Enter text by speaking. Swype recognizes your speech and enters text for you.

► Touch . At the **Speak now** prompt, speak the text you want to enter.

Editing Keyboard

The Editing Keyboard provides a quick way to move the cursor and highlight text. If the application in which you are working supports editing, you can cut, copy, or paste highlighted text.

To display the Editing Keyboard:

Swype from the Swype key to the SYM Symbols key.



Entering Text Using the Android Keyboard

From a screen where you can enter text, rotate your phone counterclockwise to a landscape orientation. The on-screen Android keyboard displays.

Note: The Android keyboard examples in this section are shown in the landscape orientation.



Configuring the Android Keyboard

To configure the Android keyboard to your preferences:

- While entering text, touch and hold the Numeric key.

 Symbols/
- Touch Android keyboard settings on the Android keyboard pop-up.

The Android keyboard settings screen is displayed. For more information, refer to "Android Keyboard Settings" on page 134.

Changing the Text Input Mode - Keypad

There are two main keypad layout keys that change the on-screen keys within the QWERTY keypad.

The available Text Input modes are:

Symbol/Numeric Mode: Activates the number, symbol, and emoticon keys.

Alphabetic Mode: Activates the alphabetic keys. Use the Shift Key (🔄) to switch between upper and lower case.

When the keypad is in:

ABC

- Alphabetic mode, the 7123 key displays.
- Symbol/numeric mode, the ABC key displays.
- Uppercase mode, the letter keys are uppercase.
- · Lowercase mode, the letter keys are lowercase.

Using Alphabetic Mode

1. Touch a text input field to activate the Android keyboard.

Note: Special keys may display depending on the type of field you touch. For example, touch the Next key to advance to the next input field.

Touch the desired alphabetic characters.

The screen initially opens in Alphabetic, uppercase mode. After typing the first letter, the **Shift Key** () changes to and the following letters typed are lowercase.

3. Touch 🚱 to input another uppercase letter.

- or -

Touch and hold to lock the keypad in uppercase mode and the shift key changes to All following letters typed are uppercase until you touch the **Shift Key** again.

Using Symbol/Numeric Mode

Use Symbol/Numeric Mode to add numbers, symbols, or emoticons.

Touch 2123 at the bottom of the Android keyboard to activate the following Symbol/Numeric Android keyboard.



- 2. Touch the desired number or symbol characters.
- 3. Touch the ALT key to display additional symbols.

Tip: Touch and hold keys to display additional, related characters.

4. Touch ABC to return to Alphabetic mode.

Changing Languages

If you have allowed more than one language in the Android keyboard settings, to change languages:

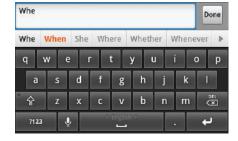
- 1. Touch and hold the Space key.
- Without lifting your finger, move it to the left or right until the language you want appears in the center of the small window above the Space key.
- 3. Lift your finger.

If you have many languages available, you may have to repeat these steps to find the language you want.

Using Suggested Words

To show suggested words in a strip above the Android keyboard as you type:

- Touch Show suggestions. A green checkmark indicates that the option is enabled.
- Begin typing a word. A list of word options displays. Touch
 one of the words to replace the letters of the word that
 have already been typed or touch
 for more word
 choices.



Continue typing your message. Touch pone or press
 Back to remove the keypad from the screen.

For more information, refer to "Creating and Sending Messages" on page 96.

Note: You can also use suggested words in the portrait orientation.

Using the Voice to Text Feature

You can use your voice to enter text using the Voice to Text feature.

- 1. From a screen where you can enter text, touch
- At the Speak now prompt, speak clearly and distinctly into the microphone.
- Working... is displayed while the software is converting your voice to text.
- The text is displayed in the message.

Note: The feature works best when you break your message down into smaller segments.

Using the QWERTY Keyboard

If you open up your phone, there is a second screen and four-row QWERTY keyboard with dedicated Android keys. Using the QWERTY keypad to type letters, numbers, punctuation, and other special characters into text entry fields or other applications should be simple and fast.

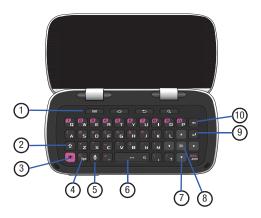
This QWERTY keyboard works very similar to the on-screen Samsung keypad. For example, by default, the first letter of an entry is capitalized and all consecutive letters are kept in lowercase unless you press the **Shift** key. After entering a character, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

The keyboard provides dual-use keys labeled with alphabetic characters on the bottom half (in white) and numbers and symbols on the top half. Press the key corresponding to the character you want to enter.

Note: When the QWERTY keyboard is used, the screen can only display in the landscape orientation.

Special Keys

The following keys perform special functions when entering text:



 Android keys: The Menu, Home, Back, and Search keys work like the keys on the front of the phone. For more information, refer to "Front View of Your Phone" on page 18.

- Shift (): Press quickly to set uppercase or lowercase.
 Press twice to set to type all uppercase.
- Alt (mt): Press once to type special characters and numbers that appear on the top half of the QWERTY keys. Examples: \$, @, #, !, 1, 2. Press twice to type multiple characters (CAP LOCK). Press again to deactivate this function.
- 4. Symbols/Emoticons (): Press to display a screen of symbols. Press and then press to display Emoticons. To choose an Emoticon, use the Navigation keys to highlight it and the OK key to type it.
- Voice to Text (): Press to use your voice to enter text using the Voice to Text feature.
- Space (): Press to insert an empty space.
 Double press inserts a period and a space.
- Navigation: Use the Up , Down , Left , and Right keys to move the cursor through fields on the screen.
- 8. OK (OK): Use this key to select or execute a field.
- 9. Enter (): Press to start a new line.

 Backspace (): Press to delete the previous character, similar to the backspace key on a computer keyboard.
 Press and hold to clear all letters in the display.

Entering Numbers, Punctuation Marks, and Symbols

To enter numbers:

- 1. Press Rit
- 2. Press the key that corresponds to the number.

To enter punctuation marks or symbols:

- 1. Press Alt
- Press the key that corresponds to the punctuation mark or symbol.

To enter additional punctuation marks and symbols:

- 1. Press Sym
- Press the Up , Down , Left , and Right navigation keys to scroll through the possible punctuation marks and symbols.
- 3. Press the **OK** ok key to make your selection.

Using Emoticon Mode

Emoticons are a group of characters that represent your mood or facial expression. Several Emoticons are available on your phone's keyboard and can be entered into your text.

To enter an Emoticon:

- Press Rit → Sym
- Press the Left, Right, Up, and Down navigation keys to scroll through the possible Emoticons.
- 3. Press the **OK** ox key to make your selection.

Entering Text in an Edit Field

When you are editing a field, such as a contact name, the initial caps mode is used by default. That is, the first letter of each word typed is capitalized and subsequent letters are lowercase.

To enter numbers or punctuation marks:

- I. Press Rit.
- Press the key that corresponds to the number or punctuation mark.

To enter symbols:

- 1. Press Sym
- Press the number of the symbol.

Note: When you are editing a phone number field, only numbers can be entered.

Navigating with the QWERTY Keyboard

Use the Up , Down , Left , and Right keys to move the cursor from field to field on the screen. The active field is usually highlighted in blue.

Use the **OK** ox key to select a field to type in or a command to execute, such as **Save** or **Send**.

While using the keyboard, it is still possible to touch a field on the screen or sweep the screen to scroll through lists as you would if you were using the on-screen keypad. In other words, the keyboard can be used for all typing functions or it can be used with the touch screen features.

Using the Android Keys on the Keyboard

The **Menu**, **Home**, **Back**, and **Search** keys, at the top of the keyboard, work like the keys on the front of the phone.

- Menu Key : Press to display options for the current screen or feature. Use the navigation keys and the OK key to make a menu selection.
- Home Key
 : Press to display the first Home screen. Press and hold to launch a menu of recent applications or to launch Task Manager.
- Back Key : Press to return to the previous screen, option, or step.
- Search Key : Press to search the web and your device. For more information, refer to "Google Search" on page 164.

Section 4: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to "Call Settings" on page 118.

Displaying Your Phone Number

► Touch Applications → Settings → About phone → Status.

Your phone number is displayed in the **Phone number** field.

Making a Call

- 1. From a Home screen, touch and use the on-screen keypad to enter the number you want to dial.
- 2. Touch to make the call.

Making an International Call

- From a Home screen, touch , then touch and hold
 The + character appears.
- Use the on-screen keypad to enter the country code, area code, and phone number.

Tip: If you make a mistake, touch until the desired numbers have been deleted.

3. Touch to make the call.

Manual Pause Dialing

To manually call a number with pause(s) without storing it in your Contacts list:

- 1. From a Home screen, touch and use the on-screen keypad to enter the phone number.
- 2. Press the Menu Key 📻 to display the dialer sub-menu.
- Touch Add 3 sec pause to add a three-second pause.
- 4. Use the keypad to enter the additional numbers.

Tip: You can create pauses longer than three seconds by touching Add 3 sec pause multiple times.

5. Select Add wait to add a wait.

A wait pauses the calling sequence until you enter a number or press a key.

6. Touch to make the call.

For more information, refer to "Adding Pauses to Contact Numbers" on page 66.

Correcting an Entered Number

After entering a number using the keypad, to make a correction:

- ▶ Touch to erase a single character.
 - or -

Touch and hold to erase the entire string of numbers.

Ending a Call

To end a call:

► Touch the End call key.

Dialing a Recent Number

All incoming, outgoing, and missed calls are recorded in **Logs**. If the number or caller is listed in your Address Book, the associated name is also displayed.

- From a Home screen, touch
- Touch Logs.

A list of recent calls is displayed.

- Touch a recent number to display the details page and then touch ______ to dial the number.
 - or –

Swipe the number you want to call to the right.

Using Speed Dial

You can assign a short cut number to a phone number in your Contacts List for speed dialing.

Display the Speed Dial Screen

- From a Home screen, touch Contacts to display your Contacts List.
- Press the Menu Key → More → Speed dial.
 The Speed dial screen displays showing the number 1 through 9. The number 1 is reserved for Voicemail.

Assign a Contact to a Speed Dial Number

1. Touch an unused number.

number box.

The **Contacts** screen displays your list of contacts.

Touch a contact to assign to the number.The selected contact number displays in the speed dial

Remove or Change a Speed Dial Number

- 1. From the Speed dial screen, press the Menu Key
- 2. To change the number to which a contact is assigned:
 - Touch Change order, touch and hold a number, drag it to a new position, and touch Save.
- 3. To remove an assignment:
 - Touch Remove, touch one or more assigned numbers, and touch Remove.

Make a Call Using Speed Dial

- 1. From a Home screen, touch 📞
- On the keypad, touch and hold the number assigned to the contact you want to call.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see "Finding an Address Book Entry" on page 68

Answering a Call

When a call is received, the phone rings and displays the caller's phone number. The caller's name is displayed, if it is stored in the Address Book.

 At the incoming call screen, touch and slide to the right to answer the call.



- 2. Touch and slide to the left to reject the call and send it to your voicemail.
- 3. If you answer the call, touch End call



Note: You can answer a call while using the Address Book or other menu feature. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From Home screens and Application menus, you have the option to access the Dialer and initiate a call by touching when you manually enter numbers from the Dialer, there are four dialing options displayed on the screen.

- Keypad: Displays the keypad, which you can use to enter and call a telephone number.
- Logs: Displays a list of all dialed, received, and missed calls.
- Favorites: Displays contacts that you have marked as Favorites. Also displays frequently called numbers including your Voicemail number.
- Contacts: Launches your Address Book so you can select a contact to call.

After you begin to enter numbers with the keypad, the Add to Contacts option appears so you can save the number you are about to dial as a Contact.

Call Log

The **Call log** displays the details of your incoming, outgoing, and missed calls.

- 1. From a Home screen, touch
- Touch Logs.

A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.

All incoming, outgoing, and missed calls are listed. Types of calls are identified as follows:

- Incoming Calls:
- Outgoing Calls:
- Missed Calls:



Viewing Missed Calls from the Notifications Panel

If you have missed calls, idisplays in the Status Bar. Any calls that you have missed are displayed in the Notifications Panel.

- To display the Notifications Panel, sweep your finger downward from the top of the screen.
 - Missed calls are listed in the Notifications section.
- Touch a Missed call, to launch the Call log. For more information, refer to "Call Log" on page 55.

Calling a Missed Call Number

To call back a missed call number:

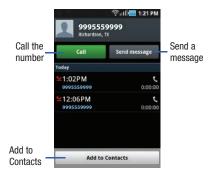
- - A list of recent calls is displayed. If the number or caller is listed in your Address Book, the associated name is displayed.
- 2. Touch the desired missed call and then touch



Swipe the number of the missed call to the right.

Saving a Recent Call to your Address Book

- From a Home screen, touch → Logs.
 A list of recent calls is displayed.
- Touch the number you want to save to your Address Book.The call detail page is displayed.



Touch Add to Contacts to add the call to your Address Book.The Contacts screen is displayed.

- 4. If you want to replace the number for an existing contact, touch the contact name.
 - or -

If this is a new contact, touch



The Create contact screen displays with the new number in the Phone field.

- Enter information in the various fields using the keypad. For more information, refer to "Adding a New Contact" on page 65.
- 6. Touch Save when you are finished.

Note: By default, your contacts are automatically saved to your phone. To change where your contacts are saved see "Address Book Settings" on page 71

For further details about the Address Book feature, see "Adding a New Contact" on page 65

Sending a Message to a Recent Caller

From a Home screen, touch → Logs.

A list of recent calls is displayed.

- 2. From the Logs screen:
 - Touch the call to which you want to send a message. The call detail page is displayed. Touch Send message.
 - or -
 - Touch and hold the call you want to send a message to, then touch Send message.
 - or —
 - · Swipe the number of the call to which you want to send a message to the left.
- 3. At the "Create" screen, touch the empty text field and use the on-screen keypad to type in a message.

- 4. To add additional recipients, touch the recipients field at the top of the screen. Insert new recipients by:
 - Pressing the recipients field and then entering the number manually. Insert a semi-colon between multiple recipients.
 - Touch Recent to choose your recipient from recent calls.
 - Touch Contacts to select a recipient from your contacts list.
 - Touch Groups to select a recipient from a group.
- **5.** Touch **o** to attach a photo, video, or audio file.
- When you complete your message, touch Send.

For more information, refer to "Creating and Sending Messages" on page 96.

Deleting Call Log Entries

- From a Home screen, touch → Logs.
 A list of recent calls is displayed.
- 2. Press the Menu Key
 → Delete.
- Touch the check mark beside each entry that you want to delete from the Call log.

The check mark turns green.

Touch **Delete** and then touch **OK**.
 The entries are deleted from the Call log.

Tip: To delete one entry, touch and hold the entry and then touch Delete.

Call Duration

- From a Home screen, touch <a>C
- Touch Logs.
- Press the Menu Key → Call duration.
 The following times are displayed for Voice and Data:
 - . Last call: The length of time for the last call.
 - **Dialed calls**: The total length of time for all calls made.
 - Received calls: The total length of time for all calls received.
 - All calls: The total length of time for all calls made and received.
- You may reset these times to zero by pressing the Menu Key and then touching Reset.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the earpiece volume, use the **Volume** key on the left side of the phone.

Press Up (top of the volume key) to increase the volume level and press Down (bottom of the volume key) to decrease the volume level.

A pop-up shows the volume status and a sound demonstrates the volume level.

From the Home screen, you can also adjust the ringer volume using the **Volume** key. A pop-up shows the volume status and a sound demonstrates the volume level

In-Call Options

During an active call there are several functions available by touching a corresponding on-screen button.

- . Hold: Place the current active call on hold.
- Add call: Displays the dialer so you can call another person.
- Dialpad: Displays the on-screen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- End call: Terminates the call.
- Speaker: Routes the phone's audio through either the speaker or through the earpiece. Use the Volume key to adjust the speaker volume.

- Touch Speaker to route the audio through the speaker. A green line appears under the Speaker button.
- Touch Speaker again to use the phone's earpiece (see "Using the Speakerphone During an Active Call" on page 61). The green line turns grey when Speaker is not activated.
- Mute: Turn the onboard microphone either on or off.
 - Touch **Mute** during a call to mute the microphone. A green line appears under the Mute button.
- Touch Mute again to unmute the microphone. The green line turns grey when Mute is not activated.
- Headset: Connects to a Bluetooth headset. Bluetooth must be enabled.
- Touch Headset during a call to activate a Bluetooth headset. A green line appears under the Headset button.
- Touch Headset again to de-activate the Bluetooth headset. The green line turns grey when the Headset is not activated.

Press the Menu Key a for more options:

- Contacts: Displays your Contact list.
- Memo: Opens the Memo app so you can jot down a memo during a call.
- Noise Reduction On/Off: Turn On the Noise Reduction feature when you are in a noisy area. Turn it Off when not needed to conserve battery power.

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress, if your network supports this service.

- 1. While on a call, touch **Hold** . This action places the current caller on hold and displays. On hold displays on the screen.
- To reactivate the call on hold, touch **Unhold**



Adding a Call

To make a new call while you have a call in progress:

- Touch Hold
- Touch **Add call** to display the dialer.
- Enter the new number and touch Once connected, the active call appears in the middle of the screen and the call on hold appears in the background, under the words On hold.

Switching Between Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

- Touch Swap 🕃
 - The current call (caller 2) is placed on hold and the call on hold (caller 1) is reactivated. You can then continue conversing with caller 1. The active call (caller 1) appears the middle of the screen and caller 2 appears in the background, under the words On hold.
- Touch **End call** to end the currently active call.

To End a Specific Call

- Touch **Swap** until the call you want to end appears in the middle of the screen.
- Touch **End call** to end the specific call.
- Touch **End call** at to end the remaining call.

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

- 1. Touch Speaker Speaker
 - The **Speaker** button now appears as speaker and the speakerphone is activated.
- Use the Volume key (located on the left side of your phone) to adjust the volume.
- 3. To deactivate the speakerphone, touch **Speaker** .

Important!: For more information, see "Responsible Listening" on page 197

Switching Off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You want to say something to a person in the room, but do not want the person on the phone to hear you.

To Mute your Phone During a Call

- 1. Touch Mute
 - The **Mute** button now appears as and Mute is activated.
- 2. Touch **Mute** to deactivate the Mute function and reactivate the microphone.

Bluetooth Headset

- . Touch **Headset** Headset
- The phone scans for your Bluetooth headset. When found, connect to the headset.
 - The **Headset** button now appears as Headset and the Bluetooth headset is activated.
- Touch **Headset** to deactivate the Bluetooth headset and reactivate the phone speaker.

Searching for a Number in Address Book

- During the active call, press the Menu Key , then touch Contacts.
- 2. Touch the Address Book entry.

For further details about the **Address Book** feature, see "Finding an Address Book Entry" on page 68

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress, if this service is supported by the network, and you must first activate the Call Waiting feature:

- Touch Applications
 → Settings
 → Call settings
 → Additional settings.
- 2. Touch Call waiting.

A green check mark appears when Call waiting is enabled. You are notified of an incoming call by a call waiting tone.

Answering a Second Call

To answer a call while you have a call in progress:

- Touch and slide to the right to answer another call.
- 2. Touch **Hold** II to put the first call on hold.
- To switch between the two calls, touch Swap, which places the current call on hold and then activates the previous call. The active call appears in the middle of the screen.
- 4. Touch Swap 🕃 again to switch back.

To End a Call On Hold

- Touch End call to disconnect the active call.
 The call on hold becomes the active call.
- 2. Touch **End call** to end the call.

Three-Way Calling (Multi-Party Calling)

The Three-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

Note: The Merge calls option combines all of the calls you have established with your phone (both active and on hold).

State blood the purpose all perhals and then estimate the provision.

Swap places the current call on hold and then activates the previous call.

The **Merge calls** feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

- 1. Touch and slide to the right to answer the call.
- 2. Touch and slide to the right to answer the next call.
- 3. Touch **Hold** III to put the first call on hold.
- Touch Merge calls to join the first two callers into a single multi-party call.

Conference Call appears in the middle of the screen and the number of people in the conference call is displayed. For example, **2 people**.

- To disconnect one of the callers, touch Manage, which appears above Conference Call.
 - All calls on the conference call are displayed.
- Touch next to the call you want to disconnect.
- 7. Touch Back to call to return to the call screen.
- 8. Touch **End call** at to end the remaining call.

Section 5: Contacts and Your Address Book

This section allows you to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

You can synchronize your phone Address Book with AT&T Address Book, the network backup service.

Now, managing and keeping your contacts safe and accessible has never been easier!

Note: When storing an Address Book entry into your SIM card, note that only the name, phone number, group, and slot location are initially offered as fields (some SIM cards may allow an address as well). Although you may add additional fields to a SIM entry, if you move that same SIM card to another model phone, it is possible that only the basic information will be transferred.

AT&T Address Book Activation

Upon activation of AT&T Address Book, the network backup service, contacts are automatically synchronized between your phone and online address book. The changes you make are automatically saved and if you ever upgrade, damage, or lose your phone, you can easily restore your contacts onto your new phone.

To activate the AT&T Address Book, follow these steps (you only have to do this once):

1. From the main Home screen, touch **Contacts**



A screen displays that asks **Do you want to sync this phone** with the contacts in your online AT&T Address Book?

2. Touch Yes to start the sync process.

If you choose not to sync at this time, you can activate AT&T Address Book at any time:

- Press the Menu Key
 → More → Settings → AT&T
 Address Book.
- If you have existing contacts, a screen displays that allows you to remove them before syncing your phone with the online AT&T Address Book. Touch Yes or No. The Syncing Contacts pop-up displays.

Once your phone is synced with your AT&T Address Book, an informational screen displays. Touch **0K** to continue.

Your Address Book is displayed.

Your AT&T Address Book is Ready to Use. You can now make a call or send a message through your Address Book.

You can also manage your Address Book on the web at http://www.att.com/addressbook.

Adding a New Contact

→ Add Contact (+)

Use the following procedure to add a new contact to your Address Book.

Saving a Number from the Home screen

- 1. From the main Home screen, touch Contacts [7]
 - n, touch **contac**

Note: When adding contacts to your SIM, only Name, Phone number, and Email address fields are displayed. The following steps describe adding a new contact entry to your phone.

- 2. Touch the image icon and assign a picture to the new entry by choosing one of three options:
 - Album to retrieve a previously stored image from your Pictures folder and assign it to this entry. Touch an image to assign the image to the contact, then touch Save.

- Take photo to use the camera to take a new picture and assign it to this entry.
- Remove icon although not an option with a new entry, deletes any previously assigned image on an existing contact.
- Touch the First name, then enter a first name for the contact.
- 4. Touch Last name, then enter a last name for the contact. Touch to enter a Name prefix, Middle name, Name suffix, Phonetic given name, Phonetic middle name, or Phonetic family name. For more information, refer to "Entering Text" on page 42.
- 5. Touch Phone number to enter a phone number, then touch the Label button to choose a label, from Mobile, Home, Work, Work fax, Home Fax, Pager, Callback, Other, or Custom to create a custom label. To add another number, touch to delete a field.
- 6. Touch Email address to enter an email address, then touch the Label button to choose a label, from Work, Home, Mobile, Other, or Custom to create a custom label. To add another address, touch or touch to delete a field.

- 7. Touch Instant msg to enter an instant message address, then touch the Label button to choose a label, from Google Talk, AIM, Windows Live, Yahoo, Skype, QQ, ICQ, Jabber, or Custom to create a custom label. To add another IM, touch to delete a field.
- 8. Touch any of the following fields to add them for your new contact:
 - Groups: Assign the contact to Family, Friends, or Work group.
 - Ringtone: Adds a field used to assign a message tone that sounds when messages are received from this contact. Choose between Default, Sound, or Phone Ringtone.
 - Postal Address: Adds a field used to assign a physical postal address for this entry.
 - Organization: Adds an organization field for this entry.
 - More: Touch 🕶 to add the following fields:
 - Notes: Adds a field that allows you to jot down notes.
 - NickName: Adds a field that can be used to enter a nickname for the entry. The NickName is not displayed when calls are made to or received from the contact.
 - Website: Adds a field for the contact's website URL.
 - Birthday: Adds a field for the contact's birthday.
 - Anniversary: Adds a field for the contact's anniversary.

Touch Save to save the new contact.

Note: By default, your contacts are automatically saved to your phone. To change where your contacts are saved see "Address Book Settings" on page 71.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses and waits. A pause stops the calling sequence for two seconds and a wait pauses the calling sequence until you enter a number or press a key.

To add a pause or a wait to a Contact:

- 1. From the main Home screen, touch **Contacts** [1], and then touch the name or number to open the Contact.
- Press → Edit.
- Touch the Phone number field.
- Touch the screen at the place where the additional numbers need to be added.
- 5. Touch *#(

6. Touch Pause to add a two-second pause or touch Wait to add a wait, and use the keypad to enter the additional numbers. A pause is displayed as a comma (,) and a wait is displayed as a semi-colon (;).

Note: If more than a two-second pause is required, touch Pause as many times as needed to add additional two-second pauses.

7. Touch **Save** to store your changes.

Editing an Existing Contact

To edit an existing contact's information, touch a field and change it, touch to add additional fields, or touch to delete existing fields.

- 1. From the main Home screen, touch **Contacts** .
- 2. Touch the Contact that you want to edit and touch Edit.
- Continue entering contact information. For more information, refer to "Adding a New Contact" on page 65.

Deleting Contacts

To delete multiple contacts:

- From the main Home screen, touch Contacts \(\overline{\text{Val}} \)
- 3. Touch Select all or touch the contacts you want to delete.
- Touch Delete.

To delete one contact:

- 1. From the main Home screen, touch **Contacts**
- 2. Touch the Contact that you want to delete.
- 3. Press the Menu Key
 → Delete.
- 4. Touch OK.

Using Contacts

Dialing or Messaging from Address Book

Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by either using their SIM card location number or by using the Search field to locate the entry. From the Address book, you can also send messages.

Finding an Address Book Entry

You can store phone numbers and their corresponding names onto your SIM card and phone's onboard memory. The two locations are physically separate, but are used as a single entity, called the Address Book.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store and how they are stored may differ.

- . From the main Home screen, touch Contacts 🔼
- Within the Contacts list (sorted alphabetically), touch a letter on the right side of the display to quickly jump to the contacts beginning with that letter.



- Touch the contact you want to call or message.
- 4. Touch the phone number you want to call or message.
- 5. Touch **Call** to make a phone call.

- or -

Send message to send a message.

For more information, refer to "Creating and Sending Messages" on page 96.

Tip: From the Contact list, sweep over a contact entry, to the right, to make a call. Sweep over a contact entry, to the left, to send a message.

Joining Contacts

Joining Contact Information

Many people now maintain multiple email accounts, social networking logins, and other similar account information. For example, a Facebook account login name might differ from a corporate email account login because they are maintained separately and for different groups of people.

This device can synchronize with multiple accounts, such as Facebook, Twitter, MySpace, Corporate email, and Google. When you synchronize your phone with these accounts, each account creates a separate contact entry in the Contacts list.

If one of your contacts (Amy Smith, for example) has a regular email account that you maintain in Gmail, but also has a Facebook account under her maiden and married name, as well as a Yahoo! chat account, when you merge these accounts into your Contacts list you can join all of her entries and view the information in one record.

The next time you synchronize your phone with your accounts, any updates that your contacts make to email account names, email addresses, and so on, automatically update in your contacts list.

For more information about synchronizing accounts, see "Synchronizing Accounts" on page 70.

- 1. From the main Home screen, touch Contacts [7]
- Touch the entry for the contact you want to join to another entry.

Note: typically this is the same contact with a different name or account information.

- Press the Menu Key → Join contact.
- Touch the second contact you want to join to the first contact. The second contact is now joined with the first and the account information is merged into one screen.

Note: The information is still maintained in both entries, but displays in one record for easier viewing when you join the contacts.

- Touch Joined contacts to view the contact information you joined.
- Touch Join another contact to join additional contacts to the first and second contact.

Unjoining a Contact

- From the main Home screen, touch Contacts 1
- 2. Touch the contact entry for the joined contacts.
- 3. Touch Joined Contacts.
- Touch next to an entry you want to unjoin.
 The contact is separated (or unjoined) and no longer displays in the merged record screen.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application looks for the "default" number or entry.

To set the default contact:

1. From the main Home screen, touch Contacts F



3. Press the Menu Key
→ Mark as default.

The Mark as default screen displays radio buttons next to the contact names or phone numbers of all the linked contacts.

- Touch the radio button next to the default contact to turn it green.
- 5. Touch Save.

To change the default contact:

 Touch the radio button next to another entry that you want to be the default.

The radio button turns green.

2. Touch Save.

Synchronizing Accounts

From the Accounts menu you decide if you want applications to synchronize, send, and receive data at any given time or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

- 1. From the main Home screen, touch **Contacts** .
- 2. Press the Menu Key ithen touch Accounts.
- Be sure to set the general sync settings. Selections are: Background data and Auto-sync.
- Touch Add account.
- Touch an account type to add.
- **6.** Follow the on-screen instructions. The selected account type synchronizes with your Contacts list.

For more information, refer to "Accounts and Sync" on page 129.

Address Book Options

You can access Address Book options while at the main Address Book page or while in the details page for a specific entry.

Options in Address Book



Press the Menu Key

The following options display:

- **Delete:** Delete one or more contacts.
- My profile: Set up the same information for yourself that you add for a new contact, For more information, refer to "Adding a New Contact" on page 65.
- Import/Export: Move contacts to or from your memory card. You can also send a namecard by Bluetooth, Email, Gmail, or Messaging.
- Get friends: Get contacts from your friends on Facebook, Twitter, or MySpace. You can also get contacts from Corporate or Google accounts. Touch Add account and then follow the on-screen instructions. For more information, refer to "Synchronizing" Accounts" on page 70.
- Accounts: Add and manage mobile accounts on Facebook. Twitter. or MvSpace. You can also add Corporate or Google accounts. Touch **Add account** and then follow the on-screen instructions.
- More: the following additional options are displayed:

- **Speed dial**: allows you to set up speed-dialing. For more information, refer to "Using Speed Dial" on page 53.
- Send email: allows you to send an email using your Google account.
- **Send message**: allows you to send a text or picture message.
- SIM Management: allows you to copy contacts from your phone to your SIM card or from your SIM card to your phone.
- **Display options**: You can choose to only display contacts that have phone numbers, sort by first or last name, display contacts first name first or last name first, display contacts stored to your SIM card, display contacts stored on your phone, and/or display contacts stored to other accounts. Touch a selection and touch Done.
- Settings: Displays additional Address Book settings. For more information, refer to "Address Book Settings" on page 71.

Address Book Settings

From the main Home screen, touch **Contacts** | The last then the main Home screen, touch the screen that the last the last the screen that the press the Menu Key \longrightarrow More \rightarrow Settings.

The following options display:

- Save new contacts to: By default, your contacts are automatically saved to your phone. To change where your contacts are saved, touch Always ask, Phone, SIM, or (Account), such as Google.
- **Own numbers**: Displays your telephone number.
- Service numbers: Displays your service numbers.
- AT&T Address Book: Lets you sync your contacts with your AT&T Address Book.

Options at Selected Contact Screen

- 1. From the main Home screen, touch Contacts
- 2. Touch and hold a contact.

- or -

Touch a contact and, at the contact's display screen, press the **Menu Key**.

The following options display depending on whether the contact is saved to your phone or your SIM card:

- Edit: Edit the selected contact's information.
- Delete: Delete the contact from your Address Book.
- Join contact: Join contacts with other contacts (only displays when contact is saved to SIM).
- Send contact information: Send a contacts information in a message.
- Add to favorites/Remove from favorites: Add or remove the contact to your favorites list.
- Add to group: Add the contact to a pre-defined group such as Family, Friends, or Work. For more information, refer to "Adding an Entry to a Group" on page 73.

Note: Add to favorites and Add to group only display when you press and hold the contact as described in Step 2.

- Mark as default: When you have multiple contacts linked together, you can mark one of them as default (only displays when contact is saved to the phone). For more information, refer to "Marking a Contact as Default" on page 69.
- Send namecard via / Send via: Send the contact's information by Bluetooth, Email, Gmail, or Messaging.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members.

Creating a New Group

To create a new group:

- From the main Home screen, touch Contacts → Groups .
- 2. Press the Menu Key
 → Create.
- Touch the Group name field and use the on-screen keypad to enter a new group name. For more information, refer to "Entering Text" on page 42.

- Touch Ringtone to choose an audio file for assignment to this new group. Choose from Default ringtone, Sound, or Phone ringtone categories.
 - Touch a music file to play a short sample and then touch **OK** to complete the assignment.
- 5. Touch Save to store the new Group category.

Adding an Entry to a Group

- 1. From the main Home screen, touch Contacts
 - → Groups 🔐
- 2. Touch a group entry.

Touch Add

- Press the Menu Key → Add member.
- Touch all of the contacts you want to add to this group.A green check mark appears next to each name selected.
- The contacts are now added to the group.

Removing an Entry From a Group

- Touch a group entry.
- 3. Press the Menu Key → Remove member.
- Touch Select all or touch each contact you want to remove from this group.

A green check mark appears next to each name selected.

Touch Remove.

The contacts are now removed from the group.

Editing a Caller Group

To edit a Group entry, there must be at least one member as part of the selected group.

- 1. From the main Home screen, touch Contacts
 - → Groups _____.
- Touch a group entry.
- 3. Press the Menu Key → Edit group.

- 4. Make modifications to the **Group Name** and **Ringtone** fields. For more information, refer to "Creating a New Group" on page 72.
- Touch **Save** to store the updates.

History

The history option allows you to see the calls, messages, and emails that have been sent to, and received from, your contacts.

- 1. From the main Home screen, touch Contacts [7]

→ History

A call and message history for your contacts is displayed.

- Press the **Menu Key** . The following options are available:
 - Delete: Delete calls or messages from your History. Select a call or message and touch Delete.
 - View by: Select what type of calls, messages, or emails that are displayed. You can choose Select all, Call, Message, Email, IM, Facebook. MvSpace, or Twitter. Touch the items you want to see displayed then touch **Done**.

Activities

The Activities option allows you to view updated contact information synchronized with Facebook, MySpace, or Twitter.

1. From the main Home screen, touch Contacts 1



→ Activities

Note: You must log in to an SNS account (Facebook, MySpace or Twitter) before you can view the Updates.

The updates are displayed.

Note: Activity updates do not appear unless you have synchronized your phone with your accounts. For more information, refer to "Synchronizing Accounts" on page 70.

Address Book Favorites

Once you have stored phone numbers in the Address Book, you can add them to your Favorites list.

Adding Favorites to your Address Book

- From the main Home screen, touch Contacts
- Within the Contacts list, touch and hold a contact that you want to add to your favorites list.
- 3. Touch Add to favorites on the displayed list.
- 4. A yellow star appears on the contact's photo ID.

Removing Favorites from your Address Book

- 1. From the main Home screen, touch Contacts [1]
- Within the Contacts list, touch and hold a starred contact that you want to remove from your favorites list.
- 3. Touch Remove from favorites on the displayed list.
- The star no longer appears on the contact's photo ID.

Managing Address Book Entries

You can copy, delete, and view the memory status for the Phone and SIM entries on your phone.

Copying an Entry to the SIM Card

Note: When storing an Address Book entry into the SIM card, note that only the name, phone number, group, and slot location are initially offered as fields (some SIM cards may allow an address as well). To save additional information for a particular contact, such as other phone numbers, or e-mail, it is important to add new fields to that Contact information. It is also important to note that if you move the SIM card to another phone that does not support additional fields on the SIM card, this additional information may not be available.

1. From the main Home screen, touch Contacts



- 2. Press the Menu Key → More → SIM Management.
- 3. Touch Copy Contacts to SIM.

The phone then displays a list of your current phone contacts.

 Touch Select all or touch each contact you want to copy to the SIM card.

A green check mark appears next to each name selected.

- Touch Copy.
- At the Copy Successful prompt, touch OK.

The selected numbers are copied to the SIM card.

Copying an Entry to the Phone

- 1. From the main Home screen, touch Contacts
- Press the Menu Key → More → SIM Management.
- 3. Touch Copy Contacts from SIM.

The phone then displays a list of your current contacts stored on your SIM card.

Touch Select all or touch each contact you want to copy from your SIM card to your phone.

A green check mark appears next to each name selected.

- Touch Copy.
- At the Copy Successful prompt, touch OK.
 The selected numbers are copied to your phone.

Deleting Address Book Entries

You can delete Phone or SIM entries from your phone's memory.

- 1. From the main Home screen, touch Contacts [1.]
- Within the Contacts list, touch and hold a contact that you want to delete.

- Touch Delete on the displayed list.
- At the This contact will be deleted prompt, touch OK to delete the contact or Cancel to exit.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

- . From the main Home screen, touch Contacts [1]
- Press the Menu Key → More → Settings.
- 3. Touch Service numbers.
- Scroll through the available numbers.
- 5. To dial the number displayed, touch Call.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Section 6: Multimedia

This section explains how to use the multimedia features of your phone including Music, Live TV, Camera, Camcorder, Gallery, and Video Player.

Music

Use Music to organize and listen to music and other audio files that you transfer to your microSD card from your computer.

Transferring Music Files to your Phone

The Music Player plays audio files that are stored on your phone's microSD card. Before you open the Music app, you must copy audio files from your computer onto your microSD card.

Music supports a wide variety of audio file formats, so it can play music that you purchase from online stores, music that you copy from your CD collection, and so on.

To copy music files onto your phone's microSD card:

- Connect the phone to your computer with a USB cable and mount the microSD card.
- Create a folder called "Music" at the top level of the SD card.

- Copy music and other audio files from your computer into the folder that you created on the microSD card.
- If you have created any playlists, create a subfolder for them in your music folder on the microSD card and copy the playlists into it.
- Unmount the SD card from the computer and disconnect the phone.

Music Player

The Music Player plays songs from an installed memory card.

- 1. From a Home screen, touch **Applications**
 - → Music 🍘
- Music Player scans your memory card and displays songs on the Artists, Albums, Songs, or Playlists tabs.
- **3.** Touch a song or playlist to begin playback.



- 4. During playback, the following options and controls are displayed:

 - Time indicators: The time indicators show, in minutes and seconds, how much of the song has played (left) and the length of the song (right).

- 5.1 Channel Mode: Press the Menu Key
 → Settings
 → 5.1 channel to set the 5.1 channel option. For more information, refer to "Music Player Settings" on page 79.
- . Playlist: Touch to display the current playlist.
- Shuffle: Touch to enable Shuffle. When enabled, songs play in random order. When disabled, songs play in the order they appear in the playlist.
- Repeat: Touch to repeat the current song, repeat all songs, or disable repeat mode.
- Playback controls:
 - Touch to advance to the next song. Touch and hold to scan forward through the current song.
 - Touch to go back to the previous song. Touch and hold to scan backward through the current song.
 - Touch to pause playback.
 - Touch to play or resume playback after pausing.
- Progress Bar: Touch and drag the end of the progress bar to scan forward or backward through the current song.

Note: Press the Volume Key on the side of the device to adjust playback volume.

Music Player Options

To access additional options while playing a song, follow these steps:

- 2. Press the Menu Key

The follow options are available:

- Library: Display the Playlists library.
- Party shuffle / Party shuffle off: Turn on Party Shuffle to play tracks in random order or turn off the feature.
- . Add to playlist: Add the current music file to a selected playlist.
- Settings: Change your music player settings. For more information, refer to "Music Player Settings" on page 79.
- Delete: Delete the song that is playing.

Music Player Settings

- 2. Press the Menu Key → Settings for these options:
 - 5.1 channel: Plug in your earphones and touch to enable stereo sound.
 - Equalizer: Choose from several sound settings including Normal, Rock, Jazz, Classic, Dance, Pop, and Live. You can also plug in your earphones and select a sound effect from Concert hall, Wide, Music clarity, Bass enhancement, and Externalisation.

Working with Playlists

Create playlists to organize your music files into sets of songs, which you can play in the order you set or in a shuffle.

Creating a Playlist

- From a Home screen, touch Applications
 → Music , then touch the Songs tab.
- Touch and hold the first song you want to add to the new playlist.

A pop-up displays a list of options.

Touch Add to playlist.

The Add to playlist pop-up displays.

- Touch New.
- Touch the Playlist name field and enter a name for the playlist.
- Touch **Save** to save the new playlist.

Adding a Song to a Playlist

- 1. From a Home screen, touch Applications
 - → Music (, then touch the Songs tab.
- Touch and hold the song you want to add to the playlist. A pop-up displays a list of options.
- Touch Add to playlist.

The Add to playlist pop-up displays.

Touch the name of the playlist to which you want to add the song.

A 1 song added to playlist message displays.

Adding a Song to a Playlist During Playback

- 1. From a Home screen, touch Applications

- → Music ()
- Touch a song to play it.
- Press the Menu Key → Add to playlist.
- Choose one of these options:
 - Touch a playlist to add the selected song to that playlist.
 - Touch Current playlist to add the selected song to the current playlist.

Playlist Options

- 1. From a Home screen, touch Applications
 - → Music (, then touch the Playlists tab.
- Touch and hold a playlist.

The following options are displayed:

- Play: Play the playlist.
- **Delete**: Delete the playlist.
- Rename: Enter a new name for the playlist and touch Save.

Deleting a Song from a Playlist

- From a Home screen, touch Applications
 → Music , then touch the Playlists tab.
- 2. Touch a playlist to open it.
- Touch and hold the song you want to delete from the playlist.
- Touch Remove from playlist.

Caution!: If you touch Delete in this pop-up, the song is permanently deleted from your SD card, if you touch OK.

Searching for Music

To find a song in your library:

- From a Home screen, touch Applications
 → Music (, then touch the Songs tab.
- 2. Press the Search Key Q.
- Start typing the name of an artist, album, or track that you want to find.

Songs are displayed in the list below the search box that match your request.

Touch a song to play it or touch an album or artist to view a list of songs.

Tip: From the Music Player screen, touch the artist, album, or song title to search for the title in your music library, the Web, or YouTube.

Live TV

Live TV is a subscription service that allows you to watch your favorite TV shows using your handset.

Installing Live TV

- 1. From a Home screen, touch **Applications**
 - → Live TV 💹

If you have not created and signed into a Google Account, the **Add a Google Account** screen displays. Touch **Next** and follow the on-screen instructions.

Read the Android Market Terms of Service and touch Accept to continue or Decline to exit.

The AT&T U-verse Live TV description in Android Market is displayed.

Touch Install FREE and then touch OK to accept permissions.

A message displays and the download starts.

Accessing Live TV

Once Live TV has been downloaded and installed, you can access Live TV.

- 1. From a Home screen, touch Applications
 - → Live TV 💹

The AT&T U-verse Live TV website is displayed. After checking for updates, the **Terms and Conditions** display.

Read the Terms and Conditions and touch Accept to continue or Decline to exit.

You may see a trial period offer.

Touch Start Trial to start your free trial or touch Exit to start your trial at a later time.

The Live TV main page displays.

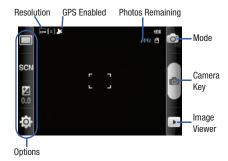
4. Follow the on-screen instructions to watch TV.

Note: Live TV uses a large amount of data and you are responsible for all data charges. It is strongly recommended that you upgrade to a large data plan in addition to this purchase.

Camera

This section explains how to use the camera on your phone. You can take photographs and record videos by using the built-in camera functionality. Your 3.2 megapixel camera produces photos in JPEG format.

► From the main Home screen, touch **Camera** The Camera screen displays.



Note: The number of JPEG photos remaining on the selected media appears in the upper-right of the screen. This is an approximate number of total photos that can be taken at the current image size.

Note: To enable GPS tagging, see "Camera Options" on page 83.

Taking Photos

Taking photos with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera kev.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

- 1. From the main Home screen, touch Camera ...

- or -

From a Home screen, touch **Applications**



- → Camera 🔘
- Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
- Before you take a photo, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the photo up to x3 (300) percent).

- You can also touch the screen to move the focus to the area you touch.
 - Touch the Camera Key until the shutter sounds. (The photo is automatically stored within your designated storage location. If no microSD is installed, all photos are stored on the phone.) For more information, refer to "Camera" Options" on page 83.

Important!: Do not take photos of people without their permission. Do not take photos in places where cameras are not allowed. Do not take photos in places where you may interfere with another person's privacy.

Camera Options

Before you start taking photos, use the camera options to configure the camera for best results. Camera options are represented by icons on the left side of the screen. While in Camera mode, touch the following icons to set camera options:

Note: The options disappear after a few seconds. Touch the screen to make them reappear.



Shooting mode: allows you to set the shooting mode. Options are:

- **Single shot**: Take a single photo and view it before returning to the shooting mode.
- Panorama: Take a landscape photo by touching the Camera button to take a photo, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
- Continuous: Take consecutive photos by pressing and holding the Camera key.



Scene mode: Choose an automatic scene mode from None, Portrait, Landscape, Night, Sports, Party/Indoor, Beach/Snow, Sunset, Dawn, Fall color, Firework, Candlelight, or Backlight.



Exposure value: Use a slider to set the brightness level of the photo.



Settings: Touch for the following options:

- Focus mode: Set this option to Auto focus or Macro.
 Use Macro mode to take close-up photos. Use Auto focus for all others.
- Timer: Set a 2, 5, or 10 second timer.
- Resolution: Set a size for the image. Options are: 3.2M (2048x1536), 2M (1600x1200), 1.3M (1280x960), or 0.1M (320x240).
- White balance: Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- Effects: Apply an effect to photos. Options are: Normal, Negative, Black and white, or Sepia.
- Metering: Set how the camera measures or meters the light source: Centre-weighted, Spot, or Matrix.
- Image quality: Choose a quality setting for photos.
 Options are: Superfine, Fine, or Normal.
- Adjust: Used to adjust Contrast, Saturation, and Sharpness.



Settings: Touch for the following options:

- Guidelines: Used to enable or disable the guidelines.
- Review: Activate the instant review feature, which displays images immediately after capture (On or Off, or 2 seconds for Camera mode).
- GPS: Enable or disable tagging of photos with your GPS location.
 displays in the Status Bar when this option is active.

Caution!: Be aware that your location may be present on a photo when posting your photos on the internet.

- Shutter sound: Enable or disable one of the camera's shutter sound.
- Reset: Set all Camera settings back to the defaults.

Viewing Photos with the Image Viewer

After taking a photo, use the Image viewer to view, share, delete, or edit photos.

- Touch Image viewer to view the photo.
- 2. Touch the screen to show or hide Image viewer options.

- Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to "Pinch" on page 22. You can also touch ot zoom in or to zoom out. You can magnify the photo up to x5.
- Sweep across the screen from left to right or from right to left to display the previous or next photo.
- 5. Touch the screen to display the following options:
 - Share: Use Bluetooth, Email, Facebook, Gmail, Messaging, or Picasa to share the photo.
 - Set as: Assign the photo as Contact icon, Home screen wallpaper, or Lock screen Wallpaper.
 - More:
 - Send to Online Locker: Send your photo to Online Locker.
 - Delete: To erase the photo, touch OK.

Note: Photos are stored in the /mnt/sdcard/DCIM/Camera folder as jpg files.

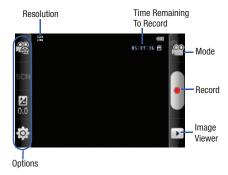
Press the Back Key to return to the Camera to take more photos.

Camcorder

Use your device's built-in Camcorder to record, view, and send videos.

Note: The camcorder may not be able to properly record videos to a memory card with a slow transfer speed.

- From the main Home screen, touch **Camera**
- Touch the **Mode** icon to switch from the Camera to the Camcorder



Recording Video

Tip: When recording video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

- 1. From the main Home screen, touch Camera ...

- or -

From a Home screen, touch **Applications**



- → Camera
- Touch the **Mode** icon to switch from the Camera to the Camcorder OO
- Using the phone's main display screen as a viewfinder, compose your shot by aiming the lens at the subject. To configure settings, see "Camcorder Options" on page 87.
- To start recording, touch **Record** . During recording, the button changes to Pause | | . Touch Pause to temporarily stop recording. To resume recording, touch **Record** again.
- To stop recording, touch the **Stop** lead button and save the video file to your Camera folder.

Important!: Do not take videos of people without their permission.
Do not take videos in places where cameras are not allowed.
Do not take videos in places where you may interfere with another person's privacy.

Camcorder Options

Before you start recording videos, use the camcorder options to configure the camcorder for best results. Camcorder options are represented by icons on the left side of the screen. While in Camcorder mode, touch the following icons to set camcorder options:

Note: The options disappear after a few seconds. Touch the screen to make them reappear.



Recording mode: Set the recording mode to either: Normal, which is limited only by available space on the destination location, or **Limit for MMS**, which is limited by MMS size restrictions.



Scene mode: This option is not available for the camcorder



Exposure value: Use a slider to set the brightness level of the video.



Settings: Touch for the following options:

- Timer: Set a timer for how long to wait before recording a video. Options include: Off or 2, 5, or 10 seconds.
- Resolution: Set the video size to either 320x240 or 176x144
- White balance: Set the light source. Options are: Auto, Daylight, Cloudy, Incandescent, or Fluorescent.
- Effects: Apply an effect to videos. Options are: Normal, Negative, Black and white, or Sepia.
- Video quality: Choose a quality setting for videos.
 Options are: Superfine, Fine, or Normal.
- Adjust: Adjust Contrast, Saturation, and Sharpness.



Settings: Touch for the following options:

- Guidelines: Used to enable or disable the guidelines.
- Audio recording: Enable to record sound along with video
- Review: Enable or disable the instant review feature, which displays videos immediately after capture.
- Reset: Set all Camcorder settings back to the defaults.

Viewing Videos with the Image Viewer

After recording a video, use the Image viewer to play, share, or delete your video.

- Touch Image viewer to view the video.
- 2. Touch the screen to show or hide Image viewer options.
- Sweep across the screen from left to right or from right to left to display the previous or next video.
- **4.** Touch the screen to display the following options:
 - Share: Use Bluetooth, Email, Facebook, Gmail, Messaging, or YouTube to share the video.
 - More:
 - Send to Online Locker: Send your video to Online Locker.
 - Delete: To erase the video, touch OK.

Note: Videos are stored in the /mnt/sdcard/DCIM/Camera folder as mp4 files.

To play a video, touch Play . Touch Pause to resume playing the video.

- 6. Touch and drag the white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.
 - or –

Touch **Rewind** to restart the video or **Fast Forward** to end the video.

Press the Back Key to return to the Camcorder to record more video.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or a contact image, and share as a photo message.

Gallery Options

When you open the Gallery, various photo and video folders are displayed. The folders can be on your device or on your external memory card.

To manage these folders:

- 1. From a Home screen, touch Applications

→ Gallery

All of the Albums that hold your photos and videos are displayed with folder name and number of files.

Note: If your device displays that the memory is full when you access Gallery, delete some of the files by using My Files or other file management applications and try again. For more information, refer to "Mv Files" on page 171.

Press the Menu Key

Select all and **Unselect all** appear at the top of the screen. Check marks also display on each folder of photos or videos.

- Touch **Select all** or touch the folders you want to select (the check mark turns white when a folder is selected), then touch one of these options:
 - Share: Send each selected folder and its contents by Bluetooth. Email, Gmail, Messaging, Picasa (photos), or YouTube (videos).
 - Delete: Touch Confirm deletions to delete the selected folders.
 - More:
- Details: Displays details about the folders selected.
- Touch a folder to display the folder's contents.
- You can view the images and videos in your albums in a chronological grid or in stacks, sorted by the date and the location where they were taken. To switch album views. touch **Grid** or
- Press the Menu Key

Select all and Unselect all appears at the top of the screen. Check marks also display on each photo or video.

- Touch Select all or touch the photos or videos you want to select (the check mark turns white when an item is selected), then touch one of these options:
 - Share: Send each selected item by Bluetooth, Email, Gmail, Messaging, Picasa (photos), or YouTube (videos).
 - **Delete**: Touch **Confirm deletions** to delete the selected items.
 - More:
 - Details: Displays details about the items selected.
 - Show on map: This option displays if a Location exists for the photo. A
 Location is added to the photo if GPS is enabled in the Camera settings.
 Touch this option to open the Map app and display the Location where
 the photo was taken. For more information, refer to "Camera
 Options" on page 83.
 - Set as: If one photo is selected, use it as a Contact icon, Home screen wallpaper, or Lock screen Wallpaper.
 - Crop: Crop the photo by touching and dragging the sides of the crop box to create the crop area, then touch Save. Touch Cancel to stop without cropping the photo.
 - Rotate left: Rotate each selected photo counterclockwise 90 degrees.
 - Rotate right: Rotate each selected photo clockwise 90 degrees.

Access the Camera from Gallery

To access the Camera from the Gallery:

- 1. From a Home screen, touch Applications
 - → Gallery 🙋

Touch at the top of the screen. For more information, refer to "Camera" on page 82.

Viewing Photos

- 1. From a Home screen, touch **Applications**
 - → Gallery 🙋
- 2. Touch a folder, then touch a photo to view it.
- Touch the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to "Pinch" on page 22. You can also touch ot zoom in or to zoom out. You can magnify the photo up to x2.
- 4. While viewing a photo, touch the screen to display the following options:
 - Slideshow: Touch to view a slideshow of photos.
 - **Menu**: Touch to display the following options:
 - Share: Share the selected photo by Bluetooth, Email, Facebook, Gmail, Messaging, or Picasa.
 - Delete: Touch Confirm deletions to delete the selected folders.
 - More: Touch for more options:
 - Details: Display details about the photo.

- Show on map: This option displays if a Location exists for the photo.
 A Location is added to the photo if GPS is enabled in the Camera settings. Touch this option to open the Map app and display the Location where the photo was taken. For more information, refer to "Camera Options" on page 83.
- Set as: Use the photo as a Contact icon, Home screen wallpaper, or Lock screen Wallpaper.
- Crop: Crop the photo by touching and dragging the sides of the crop box to create the crop area, then touch Save. Touch Cancel to stop without cropping the photo.
- Rotate left: Rotate the photo counterclockwise 90 degrees.
- Rotate right: Rotate the photo clockwise 90 degrees.

Viewing Videos

- I. From a Home screen, touch Applications 🔡
 - → Gallery 🔼
- 2. Touch a folder, then touch a video to play it.

Note: Videos are marked with a Play button.

- 3. While viewing a video, touch the screen to display the following options:
 - Rewind : Restart the video.
 - Pause : Pause the video.
 - **Resume** : Resume playing the video.
 - Fast Forward 🔀 : End the video.
- 4. Touch and drag the white dot on the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

Note: The elapsed time is shown at the left end of the progress bar and the total video run time is shown at the right end of the progress bar.

Press the Back Key to return to the Camcorder to record more video.

Setting a Photo as a Contact Icon

- From a Home screen, touch Applications
 → Gallery
- 2. Touch a folder, then touch a photo to select it.
- 3. Touch Menu → More → Set as → Contact icon.
- Touch a contact entry, crop the picture, if necessary, and touch Save to save the selected photo as the contact's icon.
 - or -

Touch **Add Contact** to create a new contact entry with the image already assigned. For more information, refer to "Adding a New Contact" on page 65.

Setting a Photo as Wallpaper

- From a Home screen, touch Applications
 → Gallery .
- 2. Touch a folder, then touch a photo to select it.
- 3. Touch Menu \rightarrow More \rightarrow Set as \rightarrow Home screen wallpaper.

- or -

Touch Menu → More → Set as → Lock screen Wallpaper.

4. Touch and drag the edges of the crop box inward or outward to edit the photo, then touch Save to set the edited photo as the Home screen or Lock screen Wallpaper.

Sharing Photos and Videos

Share photos and videos with your friends.

- Touch a folder to display thumbnails, then select items for sharing:
 - To select all photos and videos in a folder, press the Menu Key
 while viewing folders, then touch Select all → Share.
 - To select multiple photos or videos from a category, press the Menu Key while viewing the thumbnails. Touch thumbnails to mark them for sharing, then touch Share.
- Touch Bluetooth, Email, Facebook, Gmail, Messaging, Picasa (photos only), or YouTube (videos only), then follow the prompts.

My Files

Music files, photo files, video files, and so on, are saved on your memory card. These files are kept in folders. Use the My Files app to manage and view the folders and files on your microSD card.

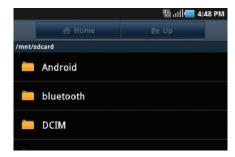
Note: If you have not installed a memory card, opening My Files causes a message to display: Your phone does not have SD card inserted. For more information, refer to "Installing a Memory Card" on page 7.

1. From a Home screen, touch Applications



→ My Files

The My Files home screen displays.



Some folders of special interest are:

- Android: Stores files that are used in Android applications.
- bluetooth: Stores files sent by a Bluetooth device.
- DCIM: Contains Camera, which is the default folder for photos and videos taken by the device. For more information, refer to "Camera" on page 82.
- Music: Contains music files and album information. For more information, refer to "Music" on page 77.

Tip: Touch the screen and sweep upward to view additional folders such as the Music folder

- Touch **Home**, while viewing a subfolder, to display the My Files home screen.
- Touch **Up** to display the parent folder of the folder being displayed.
- Touch and hold a folder name to display the following options:
 - **Delete**: Delete the selected folder and all its contents.
 - Move: Move the selected folder and its contents to an existing folder or a new folder. Touch **Create folder** to create a new folder.
 - Copy: Copy the selected folder and its contents to an existing folder or a new folder. Touch Create folder to create a new folder.

- Rename: Enter a new name for the selected folder and touch OK.
- Details: Display folder details: Name, Last modified time, Size, and Contents.

My Files Options

Various options are available to help you manage folders:

- 1. From a Home screen, touch **Applications**
 - → My files
- 2. Press the **Menu Key** to display the following options:
 - Share: To share selected files, select Bluetooth, Email, Facebook. Gmail, Messaging, Picasa, or YouTube, Touch folders and subfolders until files are displayed. Touch files to mark them and then touch **OK**
 - Create folder: Create a new folder or touch a folder to create a subfolder in that folder. Enter the folder name and touch **OK**.
 - **Delete**: Delete selected photos. Touch the check mark, next to any file or folder you want to delete, to turn it green, then touch **Delete**.
 - View by: View folder contents as a list, as a list and details, or as thumbnails.
 - List by: View folder contents sorted by time, type, name, or size.
 - More: Touch to display additional options:
 - Move: Move one or more folders to a different folder.
 - Copy: Copy one or more folders to a different folder.

- Rename: Touch a folder, enter a new name for the selected folder, and touch OK.
- Bluetooth visibility: Make one or more folders visible to Bluetooth devices
- **Settings**: Touch to set several general folder options:
 - Show hidden files: Causes files and folders that would normally be hidden to be displayed.
 - Show file extension: Causes file extensions to be displayed. For example, jpg.
 - Set home directory: Choose and set the Home directory. The default is /mnt/sdcard

Viewing Photos and Videos

When you take a photo, it is saved as a jpg file in the Camera folder. Videos that you record are also saved in the Camera folder as mp4 files. You can use the Camera app's Image Viewer to view your photos and videos immediately, you can use the Gallery to view photos and videos, or you can use view them anytime in the Camera folder.

- 1. From a Home screen, touch Applications +

- → My files → DCIM → Camera.
- Touch a photo file to open it in the Image viewer.

Note: If you touch a video file in the Camera folder, the video plays and then displays the Camera folder.

Touch and drag photos to the left to see the next photo or to the right to see the previous photo.

Note: Videos are marked with a Play button.

- 4. Touch the screen and touch (on the left) to display the Gallery. Touch the screen and touch to display the Camera folder in the Gallery. For more information, refer to "Gallery" on page 88.
- Touch the screen and touch (on the right) to display the file name.

For additional options that are available while viewing a photo, see "Viewing Photos" on page 90.

- 6. Before you select a video to play, press the Menu Key in the Camera folder to see the following options:
 - Share: Send each selected item by Bluetooth, Email, Facebook, Gmail, Messaging, or YouTube.
 - Delete: Touch Confirm deletions to delete the selected items.
 - More:
 - **Details**: Displays details about the video.

For additional options that are available while viewing a video, see "Viewing Videos" on page 91.

For more information on downloading videos for your phone, see "Market" on page 169.

Section 7: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- · Multimedia (Picture, Video, and Audio) Messages
- . Email and Gmail Messages
- Google Talk

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important!: When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to "Status Bar" on page 24.

Creating and Sending Messages

1. From a Home screen, touch Messaging



- → New message.
- Touch the **To** field to manually enter a recipient or touch one of the following buttons:
 - Recent: Select a recipient from a list of recently sent messages.
 - Contacts: Select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).
 - **Groups**: Select a recipient from the Groups list.
- If adding a recipient from Recent, Contacts, or Groups, touch the contact to place a check mark then touch **OK**. The contact is placed in the To field.

Note: The maximum number of recipients is 10.

Note: Enter additional recipients by separating each entry with a semicolon (:) then using the previous procedure.

- 4. Touch the Tap to compose field and use the on-screen keypad to enter a message. For more information, refer to "Entering Text" on page 42.
- 5. Add more recipients by touching the **To** field.
- Touch to add an attachment to your message. For more information, refer to "Options While Composing a Message" on page 98.
- 7. Touch () to remove attachments.
- B. Review your message and touch send.

Note: If you exit a message before you send it, it is automatically saved as a draft.

Message Options

Options Before Composing a Message

- 1. From a Home screen, touch **Messaging**
 - Before composing a message, press the **Menu Key** to reveal additional messaging options.
 - Compose: Compose a new message.
 - Delete threads: Delete any message thread. Select the messages to delete and a green check mark appears next to the message. Touch Delete.
 - Search: Search through all of your messages for a certain word or string of words. Enter a search string in the Search Messaging window and touch \(\overline{\ove
 - Settings: allows you to access Messaging settings. For more information, refer to "Messaging Settings" on page 101.

Options While Composing a Message

- 1. While composing a message, press the Menu Key is to reveal additional messaging options.
 - **Attach**: Add an attachment to the message. Options are:
 - Slideshow: Create up to a 10 slide slideshow to attach to the message.
 - Pictures: Opens your Gallery of photos. Touch an existing photo to attach it to your message.
 - Videos: Opens your Gallery of videos. Touch an existing video to attach it to your message.
 - Audio: Opens the My Files app. Navigate to a music or audio file. Touch the circle to the right of the audio file to turn it green, then touch OK.
 - Capture picture: Opens the Camera app so you can take a new photo and attach it to your message by touching Save.
 - Capture video: Opens the Camera app in video mode so you can record a video, review the video, and attach it to your message by touching Save.
 - Record audio: Opens the Voice Recorder app so you can record a new audio clip and attach it to your message by touching Menu Key DbA ←
 - Contacts: Opens your contacts list so you can touch an existing contact and attach the contact's name and telephone number to your message by touching **OK**.

- **Calendar**: Displays existing Calendar events so you can touch an event to attach it to your message.
- Memo: Displays your existing memos so you can touch one or more memos to attach them to your message by touching **OK**.
- Add text: Copy text from your contacts, your calendar, or a memo to add to your message. This is a convenient feature for adding names, phone numbers, events, and so on, to your message. For more information, refer to "Adding Additional Text" on page 98.
- Insert smiley: Add emoticons, such as a happy face, to your message. The emoticon is inserted in the text where the cursor is positioned.
- **Discard**: Delete the message without saving it to your Drafts folder.

Adding Additional Text

You can copy text such as names, phone numbers, and events from your Contacts. Calendar, or a Memo.

1. While composing a message, press the Menu Key



- → Add text.
- 2. At the Add text screen, select one of the following:
 - Contacts: Displays your contacts list so you can touch an existing contact and check mark the contact information you want to add to your message by touching Add.
 - Calendar: Displays existing Calendar events so you can touch an event to add event name, date, and time to your message.

- Memo: Displays your existing memos so you can touch one or more memos to add them to your message by touching OK.
- In each case, the text is inserted in your message where the cursor is positioned. Use the keyboard to edit the text.
 For more information, refer to "Entering Text" on page 42.

Attaching a Namecard to a Message

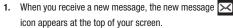
To attach a Namecard containing the name and telephone number of one of your contacts, follow these steps:

- 1. While composing a message, press the Menu Key
 - → Attach.
- Touch Contacts.
- Touch one or more contacts for which you want to attach a namecard. This places a check mark next to selected contacts
- 4. Touch OK.

A namecard is added to your message for each contact selected.

5. Touch **()** to remove attachments, if needed.

Viewing New Received Messages



Open the Notification Panel and select the message. For more information, refer to "Notification Panel" on page 22.

- or -

From a Home screen, touch **Messaging** then touch the new message to view it.

The selected message appears in the display.

- To play a multimedia message, touch .
 To pause playback of the multimedia message, touch .
- 4. To scroll through the message (if additional text pages have been added), touch the screen and in a single motion, scroll up or down the page.

- **5.** Touch and hold a message to display the following options:
 - Delete message: Displays a confirmation dialog box. Touch OK to delete the message. Touch Cancel to cancel.
 - Add <sender> to Contacts: Displays the Contacts list. Touch
 Add Contact to add the sender as a contact. This option only displays if the sender is not in your Contacts list.
 - Copy message text: For text messages, copy the text to the clipboard for pasting elsewhere.
 - Lock message/Unlock message: Lock messages to keep them from being deleted when a message thread is deleted.
 - Attached items: Displays items that are attached to the message.
 Check mark items you want to save and touch Save.
 - **Forward**: Forward the contents of this message, including attachments, to a new recipient.
 - Copy to SIM: Copy a text message you your SIM card. For more information, refer to "Messaging Settings" on page 101.
 - View message details: Displays information about the message, such as the type of message (Text or Multimedia), who the message if from or to, when it was sent, and so on.

Message Threads

Sent and received text and multimedia messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message thread displayed at the bottom.

To open a threaded message follow these steps:

- 1. From a Home screen, touch **Messaging** .
- Touch and hold a message thread to display the following options:
 - View contact: Displays the contact's information. This option only displays if the sender is in your Contacts list.
 - or —
 - Add to Contacts: Displays the Contacts list. Touch Add Contact
 to add the sender as a contact. This option only displays if the sender is not in your Contacts list.
 - Delete thread: Displays a confirmation dialog box. Touch OK to delete the entire thread.
- Touch the message thread you want to view.

Deleting Message Threads

You can delete a single thread or multiple threads.

Deleting a Thread

- From a Home screen, touch **Messaging** .
- Touch and hold a message thread, then touch **Delete** thread
- 3. At the **Delete** prompt, touch **OK** to delete or **Cancel** to cancel.

Deleting Multiple Threads

- From a Home screen, touch **Messaging**
- Press the Menu Key
 → Delete threads.
- Touch **Select all** or touch each message you want to delete. A check mark appears beside each message you select.
- Touch Delete.
- At the **Delete all?** prompt, touch **Include locked messages** to create a check mark, if you also want to delete locked messages. Touch **OK** to delete or **Cancel** to cancel.

Message Search

You can search through your messages by using the Message Search feature.

- 1. From a Home screen, touch Messaging .
 - Press the Menu Key
 → Search.
 - or —

Press the **Search Key**

- 3. Use the on-screen keypad to enter a search word or phrase, then touch |
- 4. All messages that contain the search string you entered are displayed.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voice mails, and Push messages.

- 1. From a Home screen, touch **Messaging** .
- Press the Menu Key → Settings.

The Messaging settings are:

• **Delete old messages**: Delete old messages when the limit is reached, rather than having them overwritten.

- Text message limit: Set a limit on how many text messages can he in one conversation
- Multimedia message limit: Set a limit on how many multimedia messages can be in one conversation.
- Manage SIM card messages: Manage the messages that you have stored on your SIM card. Touch this field and then press the Menu Key is to Delete messages or Copy all messages to phone memory.
- Message center: The number of your message center where your messages reside while the system is attempting to deliver them.
- Input mode: The input mode for your text messages. Choose between GSM Alphabet, Unicode, or Automatic.
- Auto-retrieve: Enable the message system to retrieve messages automatically.
- Roaming auto-retrieve: Enable the message system to retrieve messages automatically while you are roaming.
- Creation mode: Select the creation mode. Options are:
 - Restricted: Only create and submit messages with content belonging to the Core MM Content Domain
 - Warning: The phone warns you with a pop-up message that you are creating a multimedia message that does not fit the Core MM Content Domain.
 - Free: You may add any content to the message.
- CB activation: Enable to receive Cell Broadcast (CB) messages.

- **Channel configuration**: Set up the channel on which you receive CB messages.
- Language: Select the languages in which you want to receive CB messages.
- **Notifications**: Enable to see message notifications on your status
- **Select ringtone**: Set the ringtone for your message notifications.

Gmail

Gmail is Google's web-based email. When you first setup the phone. Gmail is configured. Depending on the synchronization settings. Gmail is automatically synchronized with your Gmail account.

Signing into Your Gmail

1. From a Home screen, touch Applications





Note: You must sign in to your Gmail account in order to access Gmail.

- 2. At the Add a Google Account screen, touch **Next** to begin, then touch an option:
 - Create: Follow the prompts to create a new account.
 - Sign in: Enter your Google Username and Password, then touch Sian In.

The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail appears in the Inbox.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

- 1. From a Home screen, touch **Applications**
 - → Gmail М

New email is sent and received and your email is synchronized with your Gmail account.

Managing Your Gmail Account

Use menu options to manage your Gmail.

- 1. From a Home screen, touch Applications
 - → Gmail M.
- 2. Press the Menu Key for these options:
 - Refresh: Update your device from the Gmail servers.
 - Compose: Create and send new Gmail.
 - Accounts: Choose a Gmail account or add a Google account.
 - Go to labels: View Gmail by label.

- Search: Enter keywords to search mail.
- More:
 - Settings: Configure settings. For more information, refer to "Gmail account settings" on page 104.
 - Help: Learn about using Gmail.
 - About: View information about Gmail.

Composing and Sending Gmail

- 1. From a Home screen, touch **Applications**
 - → Gmail 🌺 .
- 2. Press the Menu Key
 → Compose.
- Touch the To field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
- 4. Touch the **Subject** field to enter a subject.
- 5. Touch Compose Mail to enter the text of your email.
- 6. While composing a message, press the Menu Key for these options:
 - Send: Send the message.
 - Save draft: Save the message as a draft for sending later.
 - Add Cc/Bcc: Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the fields, touch to enter recipients.

- Attach: Launch Gallery to select a photo to add to the message.
- . Discard: Close the message without saving.
- Help: Learn about using Gmail.
- Touch to send the message or to save the message as a draft.

Viewing a Gmail Message

1. From the Gmail Inbox, touch a message to view it.

The following options are available:

- Archive: Archive the selected Email.
- **Delete**: Delete the Email.
- (Previous): Display the previous Email in your inbox.
- Next): Display the next Email in your inbox.
- 2. Press the **Menu Key** to select one of the following additional options:
 - Change labels: Change the label on the email or conversation.
 - Mark unread: Unread messages or threads with unread messages display in boldface text in the Inbox.
 - Mark important/Not important: Marks the email with) in the inbox, which indicates it is important.
 - Go to Inbox: Display your Gmail Inbox.
 - Mute: Mute the conversation (Email thread).

More:

- Add star/Remove star: Flag the Email by adding a star.
- Report spam: Report the Email message as spam.
- Settings: Configure settings. For more information, refer to "Gmail account settings" on page 104.
- Help: Display the Google.com web page so you can search the web for help.
- Select text: Copy text to the clipboard.

Gmail account settings

- 1. From a Home screen, touch Applications
 - → Gmail 🅍.
- 2. Press the Menu Key → More → Settings for settings:
 - General settings:
 - Priority Inbox: This setting is only available if you have configured Gmail on the web to show Priority Inbox. If available, you can set Priority Inbox as your default inbox for this account.
 - Signature: Create a text signature to add to outgoing messages.
 - Confirm actions: Have your device prompt you to confirm Archive, Delete, and Send actions.
 - Reply all: Enable or disable Reply All as the default action when responding to messages.
 - Auto-advance: Choose a screen to show after you delete or archive a conversation.
 - Message text size: Set the size of text in message displays.

- Batch operations: Allow changes to labels on more than one conversation.
- Clear search history: Remove previous searches you performed.
- Labels: Choose which labels are synchronized.
- Notification settings:
 - Email notifications: When enabled, notifications for new email appear in the Status Bar.
 - **Select ringtone**: Choose a ringtone for new email notifications.
- **Vibrate**: Choose vibration settings for email notifications.
- Notify once: When enabled, a notification appears in the Status Bar for new email, not for every new message.

Email

Email enables you to review and create email using AIM[®], AOL[®], Yahoo![®] Mail, Comcast, Compuserve, Earthlink, Gmail, HotPOP, Juno, Mac, NetZero, SBC Yahoo!, Verizon and several other email services. You can also receive text message alerts when you receive an important email.

Signing into Your Email

- From the Home screen, touch Email .
 Your accounts screen displays with an Email setup screen displayed.
- At the Set up email screen, enter an Email address and Password, then touch Next.

 Your account's incoming server settings are different, depending on the kind of email service for the account. If the Add email account screen displays, touch the type of account: POP3 account, IMAP account, or Microsoft Exchange ActiveSync.

The Server settings screen displays.

- Enter the required settings and touch Next.
 The Account options screen displays. Available options vary, depending on the provider.
- Touch Next to go to the next screen.
- Enter an account name for the email account just added, which is displayed on the email screen and enter your name, which is displayed on outgoing messages.
- Touch Done.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, touch the Menu Key → More → Account settings.

Important!: Only some "Plus" accounts include POP access allowing this program to connect. If you are not able to sign in with your correct email address and password, you may not have a paid "Plus" account. Launch the Web browser to access your account.

Adding Additional Email Accounts

To add additional email accounts:

- 1. From the Home screen, touch **Email**
- Press the Menu Key
 → Accounts.
 The list of accounts displays.
- 3. Press the Menu Key
 → Add account.
- 4. Enter the Email address, Password, and so on.

Configuring Email Account Settings

To configure email account settings at any time:

- 1. From the Home screen, touch **Email**
- Touch an account, if you have more than one account set up.
- Press the Menu Key → More → Account settings.
 For more information, refer to "Account Settings" on page 107.

Composing and Sending Email

- Touch an account, if you have more than one account set up.
- Press the Menu Key → Compose.
- Touch the To field to enter recipients. As you enter names or email addresses, matching contacts display. Touch a contact to add it to the field.
 - or –

Touch **Recent**, **Contacts**, or **Group** and select contacts. Touch **OK** when all contacts have been selected.

- Press the Menu Key
 → Add Cc/Bcc to enter recipients in the Cc or Bcc fields.
- 6. Touch the Subject field to enter a subject.
- 7. Touch the text field to enter the email text.

- 8. Touch Attach to add an attachment. Choices are:
 - File: Select a file from My Files.

remove the attachment.

- Pictures: Select a photo from Gallery.
- Videos: Select a video from Gallery.
- . Audio: Select an audio file from My Files.
- Capture picture: Open the camera and take a picture.
- Capture video: Open the video recorder and shoot a video.
- **Record audio**: Open the voice recorder and make a recording.

The selected or created file is attached. Touch e to



- While composing a message, press the Menu Key for these options:
 - Save as draft: Save the message in Drafts.
 - Add text: Lets you add text to your email from:
 - Contacts: Touch contact information to select it, then touch Add.
 - Calendar: Touch a calendar event.
 - Memo: Touch one or more memos, then touch OK
- Touch Send to send the message or Discard to cancel the email

Managing Emails

You can view emails you receive for all accounts in the Combined inbox screen or you can view email accounts individually.

- 1. From the Home screen, touch **Email** .
- Press the Menu Key → Accounts.
- Touch one of the following:
 Combined inbox: View all emails in a combined inbox.
 - < account name>: Only view emails for one email account.

Account Settings

Account Settings lets you use settings to configure handling of email on your device.

Note: Available settings may depend on the email account and include setting how much email to synchronize, creating signatures for emails you send, and other handling options.

- 1. From the Home screen, touch **Email**
 - ross the Menu Key
 - Choose an email account and press the Menu Key

 More → Account settings.

The following options display depending on the type of account:

General settings

- Account name: Enter a name to identify this account.
- Your name: Enter your name, to appear on emails from this account.
- Amount to synchronise: Choose how much email you want to see on your device. Options are: 1 day, 3 days, 1 week, 2 weeks, or 1 month.
- Email check frequency: Lets you configure how often the device queries the remote server for new email changes. Options are: Automatic (Push), Never, Every 5 minutes, Every 10 minutes, Every 15 minutes, Every 30 minutes, or Every hour.
- Default account: When enabled, email from your device is automatically sent from this account.
- Out of office settings: Set up out of office automatic replies.
- Empty server trash: Delete contents in server trash.
- Sync schedule: Sync your schedule between your phone and the email service.
- Email size: Limit the size of emails to Headers only, Half KB, 1, 2, 5, 10, 20, 50, or 100 KB, or All the message.

Notification settings

 Email notifications: When enabled, the New Email icon appears in the Status Bar when a new email arrives.

- Select ringtone: Choose a ringtone for email notifications for this account.
- Vibrate: When enabled, email notifications for this accounts are accompanied by vibration.

Server settings

- Exchange server settings: Configure exchange server settings.
- Incoming settings: Configure server settings.
- Outgoing settings: Configure outgoing settings.
- Sync contacts: When enabled, contacts from your account are synchronized with your device's Contacts.
- Sync calendar: When enabled, events from your account are synchronized with your device's Calendar.
- Period to sync Calendar: Set the period to sync your calendar on your device with you email account. The choices are: 2 weeks, 1, 3, or 6 months, or All calendar.

Common Settings

- Recent messages: Set the number of recent messages. Options are: 25, 50, 75, 100, 200, or Total.
- Forward with files: Enable or disable forwarding of file attachments.
- Add signature: Enable or disable adding a signature.
- **Signature**: Enter a signature to add to emails from this account.

Google Talk

Talk is Google's instant messaging and audio and video chat service. You can use it to communicate, in real time, with other people who also use Google Talk on another Android device or phone or on a computer.

Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts.

Tip: Talk requires that you have a Google account. To set up your Google account on your device use Accounts and sync settings. For more information, refer to "Accounts and Sync" on page 129.

Open Talk and Sign In

- From a Home screen, touch **Applications** → **Talk** (talk).
- If the Add a Google Account screen displays, touch Next.
- Touch **Create** to create a new Google account.
 - or -

Touch Sign in and enter your Username (email address) and Password and touch Sign in, if you have an existing Google account.

Once sign in is complete, the Talk screen displays.

Note: If you have already set up your Google account, you are automatically logged in.

Invite a Friend to Chat

You can invite anyone with a Google Account to become your friend in Google Talk, so you can chat with each other and view each other's online status

1. While viewing your Friends list, press the Menu Key



- → Add friend.
- Enter your friend's address and touch **Send invitation**.

Your friend's address in Talk is a Gmail or other email address that is configured to connect to Google Talk. If your friend accepts your invitation, they are added to your Friends list in Talk and you can share each others status in Talk and other applications.

View and Accept an Invitation to Become a Friend

When a contact invites you to become a friend in Google Talk, you receive a notification in the Status Bar and the invitation appears in your Friends list.

- 1. Touch the invitation.
- Touch Accept, if you want to accept the invitation and chat, Cancel, if you do not want to chat with and share your Google Talk status with the sender right now, or Block, if you do not want to receive any more invitations from that person.

If you touch **Accept**, the friend is added to your Friends list in Talk and you can share your status in Talk and other applications.

Options While Chatting

There are several options that are available while you are chatting.

- Press the Menu Key to display the following options:
 - Chat off record/Chat on record: Set whether you want to stop saving your chat to the chat history.
 - Switch chats: Switch to another active chat.
 - Friends list: Display your friends list.
 - Add to chat: Select another friend to join in the current chat.
 - End chat: End an active chat.
 - More:
 - Clear chat history: Remove the history of this chat from your device.
 - Insert smiley: Displays a list of smiley icons (emoticons). Touch an
 entry in the list to place the emoticon in your message text.
 Tip: Touch and hold the Smiley key [:-)] and then touch a smiley.
 - View contact: View the friend's Contact information

Additional Talk Options

While viewing your Friends list:

- Press the Search Key ot to search your Talk messages.
 Use the on-screen keypad to enter a search term. Touch to search your Talk messages.
- 2. Press the Menu Key 📻 to display the following options:
 - All friends / Most popular: List all friends or the most popular friends.
 - Add friend: Invite anyone with a Google Account to become your friend in Google Talk.
 - **Search**: Search your Talk messages for a word or phrase.
 - Sign out: Sign out of Google Talk.
 - Settings: Offers various settings for Google talk. For more information, refer to "Google Talk Settings" on page 112.
 - More:
 - Close all chats: Terminates any chats that you have open.
 - Invites: Display pending invitations.
 - Blocked: Displays a list of friends you have blocked. Touch a blocked friend and then touch **OK** to unblock the friend.
- Touch a Friend's entry to display the Chat entries for that Friend

Friend Options

There are several options available for each friend.

- Touch and hold a Friend's entry to display the following options:
 - Start chat: Initiate a chat session with this Friend.
 - Friend info: Display information about the friend with which you are chatting. Touch Nickname to create a nickname for the friend.
 - Block friend: Block a friend from sending you messages and remove the friend from your Friends list.
 - Remove friend: Remove the friend as if you never accepted their invitation. However, the friend is not blocked.
 - View contact: View the friend's Contact information.
 - Auto show friend/Always show friend: To make a friend popular, touch Always show friend.
 - Hide friend/Show friend: Hide or show this friend in your friend's list.

Google Talk Settings

Use Google Talk Settings to configure your Talk account. If you have more than one account, each maintains its own Talk settings.

- 2. Press the Menu Key → Settings, then touch an account for options:

General settings

- Automatically sign in: Enable or disable automatic sign in to Google Talk when you power on your phone.
- Mobile indicator: Check and your friends see an outline of an android next to your name in their Friends list when you are signed into Google Talk on a your phone.
- Automatic away-status: Set status to away when the screen is turned off.
- Clear search history: Erases your search history. No previous searches are shown until you search for new words.

Notification settings

- IM notifications: Set whether to open a dialog, display a notification in the System bar, or neither, when you receive a text chat.
- **Select ringtone**: Set a ringtone to sound, or silent, when you receive a text chat
- Vibrate: Set how vibrate functions. Choices are: Always. Only when silent, or Never.

About

- Terms & privacy: Displays the Google Talk terms of use and privacy policies.

Section 8: Settings

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

Accessing Settings

- From a Home screen, press the Menu Key → Settings.
 - or -

From a Home screen, touch **Applications**



→ Settings ...

Wireless and Networks

Control your device's wireless connections.

Flight Mode

Flight mode allows you to use many of your phone's features. such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important!: When your phone is in Flight Mode, it cannot send or receive any calls or access online information or applications.

- 1. From a Home screen, touch Applications → Settings → Wireless and networks.
- Touch the **Flight mode** check box to enable Flight mode. A check mark displayed next to the feature indicates Flight mode is active.

Wi-Fi Settings

Your device supports Wi-Fi b/g/n. Use Wi-Fi settings to manage vour device's Wi-Fi connections.

For more information about using your device's Wi-Fi features. see "Wi-Fi" on page 146

Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available. in-range Wireless Access Points (WAPs).

- 1. From a Home screen, touch **Applications**
 - → Settings → Wireless and networks
 - → Wi-Fi settings.
- 2. Touch Wi-Fi to turn Wi-Fi On or Off. When on, a check appears in the check box.

Network Notification

By default, when Wi-Fi is on, you receive notifications in the Status bar anytime your phone detects an available Wi-Fi network. You can deactivate this feature if you do not want to receive notifications.

- From a Home screen, touch Applications
 → Settings → Wireless and networks → Wi-Fi
- Touch Network notification to turn notifications On or Off. When on, a check appears in the check box.

Advanced Settings

settings.

Set up and manage wireless access points.

- 1. From a Home screen, touch Applications
 - → Settings → Wireless and networks → Wi-Fi settings.
- 2. Press the Menu Key
 → Advanced for these settings:

Advanced

 Wi-Fi sleep policy: Specify when to switch from Wi-Fi to mobile data for data communications. Touch to choose from When screen turns off, Never when plugged in, or Never.

- MAC address: View your device's MAC address, which is required when connecting to some secured networks. This value cannot be configured.
- Proxy: Touch to enter a proxy number.
- Port: Touch to enter a port number.

IP settings

Enter IP settings for configuring a connection to a network using a static IP, including:

- Use static IP: Touch to turn static IP On or Off.
- IP address: Enter the IP address.
- Gateway: Enter the gateway.
- Netmask: Enter the netmask.
- **DNS 1**: Enter the DNS1.
- DNS 2: Enter the DNS2.

Bluetooth Settings

Use Bluetooth settings to manage Bluetooth connections, set your device's name, and control your device's visibility.

Turning Bluetooth On or Off

To turn your device's Bluetooth service On or Off:

- 1. From a Home screen, touch **Applications**
 - → Settings → Wireless and networks
 - → Bluetooth settings.
- Touch Bluetooth to turn Bluetooth On or Off. When On, a check appears in the check box.

Note: Bluetooth must be enabled prior to use.

For more information about using Bluetooth to exchange information with other Bluetooth devices, see "Bluetooth" on page 148

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

- viion bidotootii io on, daditional sottings are available
- 1. From a Home screen, touch Applications
 - → Settings → Wireless and networks → Bluetooth settings.

- 2. Touch a setting to configure Bluetooth:
 - Device Name: Your device's default name appears on screen.
 Touch to change the device name. Available when Bluetooth is turned On.
 - Visible: Control your device's visibility to other devices' Bluetooth searches. Touch to turn On or Off. Available when Bluetooth is turned On. The phone is activated for discovery for 119 seconds so you can pair with another device. After 119 seconds the phone becomes invisible again.
 - Scan devices: Touch to scan for nearby discoverable devices. After searching, touch a device to pair with it. For more information, refer to "Pairing Bluetooth Devices" on page 150.

Tethering and Portable Hotspot

This option allows you to share your phone's mobile data connection by way of USB or as a portable Wi-Fi hotspot.

USB Tethering

- 1. From a Home screen, touch Applications
 - → Settings → Wireless and networks
 - → Tethering and portable hotspot.
- Touch USB tethering to add a check mark and activate the feature.

Mobile AP Settings

You can use your phone as an Internet AP (Access Point) using Mobile AP. This allows other devices (maximum of 5) to connect to it by way of Wi-Fi. The Internet is available on connected devices to share your 3G network.

To set up Mobile AP:

- 1. From a Home screen, touch **Applications**
 - → Settings → Wireless and networks
 - → Tethering and portable hotspot → Mobile AP settings.

Note: A Tethering/Mobile Hotspot plan is required to use this service. Please contact your service provider for details.

Touch Mobile AP to make a check mark and activate the feature.

Note: Mobile AP consumes more battery power and increases your data usage.

- Touch Configure mobile AP to configure the following options:
 - Network SSID: This is the ID number that Identifies your wireless network.
 - Security: Select Open or WPA2 PSK.

Connecting to Mobile AP from Other Devices

To connect another device to your phone:

- . Activate Wi-Fi on the device that you want to connect.
- Find AndroidAPxxxx (the Network SSID) in the Wi-Fi network list and connect to it.

The connected device can now use internet with Mobile AP.

VPN Settings

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important!: Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP (Point-to-Point Tunneling Protocol), L2TP (Layer 2 Tunneling Protocol), L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec), or L2TP/IPSec CRT (Certificate based L2TP/IPSec).

- From a Home screen, touch Applications
 → Settings → Wireless and networks → VPN settings.
- Touch Add VPN.

To establish a PPTP (Point-to-Point Tunneling Protocol):

- Touch Add PPTP VPN.
- Touch VPN name, add a name for this connection using the keypad, then touch OK.
- Touch Set VPN server, add a name using the keypad, then touch OK.
- 4. Touch Enable Encryption to make a check mark (if desired).
- Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.

To establish a L2TP (Layer 2 Tunneling Protocol):

- Touch Add L2TP VPN.
- Touch VPN name, add a name for this connection using the keypad, then touch OK.
- Touch Set VPN server, add a name using the keypad, then touch OK.
- Touch Enable L2TP secret to make a check mark (if desired).
- Touch Set L2TP secret and enter a password (if desired), then touch OK.

Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.

To establish a L2TP/IPSec PSK (Pre-shared key based L2TP/IPSec):

- Touch Add L2TP/IPSec PSK VPN.
- Touch VPN name, add a name for this connection using the keypad, then touch OK.
- Touch Set VPN server, add a name using the keypad, then touch OK.
- Touch Set IPsec pre-shared key, enter a key and touch OK.
- Touch Enable L2TP secret to make a check mark (if desired).
- Touch Set L2TP secret and enter a password (if desired), then touch OK.
- Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.

To establish a L2TP/IPSec CRT (Certificate based L2TP/IPSec):

1. Touch Add L2TP/IPSec CRT VPN.

- Touch VPN name, add a name for this connection using the keypad, then touch OK.
- Touch Set VPN server, add a name using the keypad, then touch OK.
- Touch Enable L2TP secret to make a check mark (if desired).
- Touch Set L2TP secret and enter a password (if desired), then touch OK.
- 6. Touch Set user certificate, then touch OK.
- 7. Touch Set CA certificate, then touch OK.
- Touch DNS search domains, add a name for DNS search using the keypad, then touch OK.

Mobile Networks

Before you use applications, such as Google Maps, and find your location or search for places of interest, you must enable the Mobile networks options.

- From a Home screen, touch Applications
 - → Settings → Wireless and networks
 - → Mobile networks.

The following options display. Touch an option to turn it On or off.

- Use packet data: Touch to activate the data network. It is set On by default.
- Data roaming: Allows you to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.
- Access Point Names: To use Wi-Fi, you need access to a wireless
 access point (hotspot). A list of the Access Point names displays.
 The active access point displays a green, filled circle to the right of
 the name.
- Network operators: Use this feature to view the current network connection. The current network connection displays at the bottom of the list.

Note: Connecting to 2G networks slows the data transfer speed and time.

Call Settings

To access the Call settings menu:

- ► From a Home screen, touch **Applications** ⊞
 - → Settings → Call settings.

Fixed Dialing Numbers

Fixed Dial Number (FDN), allows you to restrict outgoing calls to a limited set of phone numbers.

Enabling FDN

- 2. Touch Enable FDN.
- At the prompt, enter your PIN2 code and touch **0K**.FDN is enabled.
- To enable FDN after it has been disabled, touch Disable FDN, enter your PIN2 code and touch OK.

Important!: Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.

The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance

Change PIN2

- 1. From a Home screen, touch Applications
 - → Settings → Call settings → Fixed Dialing Numbers.
- 2. Touch Change PIN2.
- 3. At the prompt, enter your old PIN2 code.
- 4. At the prompt, enter a new PIN2 code.
- 5. Confirm your new PIN2 code and touch **OK**.

FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Note: Before you can manage an FDN list, a list must be created.

- 2. Touch FDN list.
- 3. A list of all existing FDN numbers displays.

Voicemail

You can view or modify your voicemail number from this menu.

- 1. From a Home screen, touch Applications
 - → Settings → Call settings.
- Touch Voicemail number, backspace to erase the digits, and enter a new voicemail number using the keypad, then touch OK.
- Touch OK.

Other Call Settings

TTY Mode

This menu is used to activate or deactivate the Text Telephone (TTY) option for this device.

- From a Home screen, touch Applications
 - → Settings → Call settings → TTY mode.

A green check mark appears. Touch **TTY mode** again to turn it off.

HAC Mode

This menu is used to activate or deactivate Hearing Aid Compatibility for this device.

- From a Home screen, touch **Applications**
 - → Settings → Call settings → HAC mode.

A green check mark appears. Touch **HAC mode** again to turn it off.

Call Forwarding

To configure Call forwarding:

- ► From a Home screen, touch **Applications**
 - → Settings → Call settings → Call forwarding.

Touch one of the following options:

- Always forward: Incoming calls are re-routed to a secondary number that you specify. Type the number in the pop-up field and touch Enable
- Forward when busy: If you are on the phone, incoming calls are re-routed to your voicemail number. If desired, type a different number in the pop-up field and touch **Update**.
- Forward when unanswered: If you miss a call, re-route it to your voicemail number. If desired, type a different number in the pop-up field and touch **Update**.
- Forward when unreachable: If your phone is unreachable, incoming calls are re-routed to your voicemail number. If desired, type a different number in the pop-up field and touch **Update**.

Note: To update the three forwarding options, you must first deactivate Call waiting. For more information, refer to "Additional Settings" on page 121.

Additional Settings

To configure Additional settings:

- From a Home screen, touch Applications 🔠
 - \rightarrow Settings \Rightarrow Call settings \Rightarrow Additional settings.

The following options display:

- Caller ID: Allows you to select how your ID is handled when an
 outgoing call is initiated. Choose Network default, Hide number, or
 Show number
- Call waiting: This network service informs you when someone is trying to reach you during another call. Touch Call waiting to activate.
- Noise suppression: Your phone is equipped with an advanced voice processing chip that delivers clear mobile calls by suppressing background noise, intermittent sounds (like a siren or nearby conversation), and echoes, which allows you to hear and be heard nearly anywhere. Touch Noise suppression to activate.

Sound

From this menu you can control the sounds on the phone.

Silent mode

Silent mode is convenient when you want to stop the phone from making noise, in a theater for example. In Silent Mode the speaker is muted and the phone only vibrates to notify you of incoming calls, or other functions that normally have a defined tone or sound as an alert.

- From a Home screen, touch Applications
 → Settings → Sound.
- 2. Touch Silent mode.

An alternative method is:

- 1. Press the Lock key until Phone options displays.
- Touch Silent mode to activate or deactivate this mode (the current mode displays).

Vibrate

Vibrate mode allows your phone to vibrate instead of making a sound.

- Touch Always, Never, Only in Silent mode, or Only when not in Silent mode.

Volume

There are multiple ways to adjust the ringer volume.

- From a Home screen, press the **Down** Volume key.
 - or -

From a Home screen, touch **Applications**

→ Settings → Sound → Volume.

Touch and drag the sliders to set:

- Ringtone: Adjust the sound for the incoming calls.
- Media: Playback of music, videos and other multimedia content.
- · Alarm: Adjust the volume of alarms.
- System volume: Sets the volume levels for feedback and also controls sound when you power the phone on or off.
- **Notification**: Sets the volume levels for notifications

Note: You can only set volume when Silent mode is disabled.

Phone Ringtone

This option allows you to set the ringtone.

- 1. From a Home screen, touch Applications
 - → Settings → Sound.
- Touch Phone ringtone.
- Touch a ringtone and touch OK.

Notification Ringtone

This option allows you to set the ringtone that sounds for notifications.

- 1. From a Home screen, touch Applications
 - → Settings → Sound.
- Touch Notification ringtone.
- Touch a ringtone and touch **OK**.

Feedback

These options allow you to enable tones to play when you use the dialing pad, touch screen items, or lock and unlock the screen.

- 1. From a Home screen, touch **Applications**
 - → Settings → Sound.
- Touch Audible touch tones, Audible selection, or Screen lock sounds.

When enabled, a check mark appears in the check box.

Note: You can only set these options when Silent mode is disabled.

Display

In this menu, you can change various settings for the display such as wallpapers, font style, brightness, screen orientation, animation, screen timeout, and horizontal calibration.

From a Home screen, touch **Applications**



→ Settings → Display.

The following options display:

- Wallpapers: Sets the Home screen and Lock screen wallpaper.
 - Home screen wallpaper: Choose wallpaper for the Home screen from the Gallery. Live wallpapers, or the Wallpaper gallery.
 - Lock screen wallpaper: Choose None (no wallpaper) or wallpaper from the Gallery.
- Font style: Sets the fonts used on the LCD display. The default font, is the only font that comes with your phone. Touch **Get fonts online** to download additional fonts.
- Brightness: Configures the LCD brightness levels. Touch and drag the slider to set the brightness and touch **OK**.
- Auto-rotate screen: Used to switch the display orientation automatically when you rotate the phone.
- Animation: Sets whether some or all of the window elements animate. Options are: No animation, Some animations, and All animations.

- Screen timeout: Adjusts the delay time before the screen automatically turns off. Options are: 15 seconds, 30 seconds, 1 minute, 2 minutes, 10 minutes, or 30 minutes.
- . Horizontal calibration: Lets you to horizontally calibrate your display using the accelerometer. Place your device on a level surface and touch Calibrate.

Note: Display settings, such as Brightness and Screen timeout, can affect battery power consumption.

Location and Security

The Location and Security settings allow you to set up how the phone determines your location and the security settings for your phone.

Use Wireless Networks

Before you use some applications, such as Google Maps, and find your location or search for places of interest, you must enable the **Use wireless networks** option or enable the GPS satellites

1. From a Home screen, touch Applications

→ Settings → Location and security.

Touch Use wireless networks to enable location information using the wireless network.

Use GPS Satellites

This option allows you to locate locations accurately to street level. To conserve power, deselect this option when not in use.

- 1. From a Home screen, touch Applications
 - → Settings → Location and security.
- 2. Touch Use GPS satellites to enable the GPS satellite.

Set Screen Lock

Creating a screen unlock pattern increases security on the phone.

- 1. From a Home screen, touch **Applications**
 - → Settings → Location and security.
- Touch Set screen lock and select one of the following options:
 - None: Disables screen unlock security.
 - Pattern: Requires that you draw a pattern on the screen to unlock it. Follow the on-screen instructions.
 - PIN: Requires that you enter a numeric PIN number to unlock the screen. Enter a PIN number, confirm it, then touch OK.
 - Password: Requires that you enter a password to unlock the screen. Enter a password, confirm it, then touch OK. Password must contain at least one letter.

Note: Once you have set the screen lock option, the Set screen lock option changes to Change screen lock.

Set Up SIM Card Lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your phone asks for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

- From a Home screen, touch Applications
 → Settings → Location and security.
- 2. Touch Set up SIM card lock.
- Touch Lock SIM card, enter your SIM PIN code, then touch OK.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

- Touch Change SIM PIN.
- Enter your old SIM PIN code and touch OK.

- Enter your new SIM PIN code and touch **OK**.
- Re-type your new SIM PIN code and touch **OK**.

Visible Passwords

When you create a phone password you can also configure the phone to display the password as you type it instead of using an asterisk (*).

- From a Home screen, touch Applications +
- - → Settings → Location and security.
- Touch **Visible passwords** to activate this feature.

Set Up or Change Password

Use this option to set up your password when one is first required or change your current password.

From a Home screen, touch Applications +



- → Settings → Location and security
- → Set up/Change password.
- Enter a new password and touch **Confirm**.
- Enter the new password again and touch **Confirm**.

Select Device Administrators

The Device Administration feature allows you to select one or more administration applications that control your device for security purposes (for example, if your phone is lost of stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- . Setting the number of failed password attempts before the device is restored to factory settings.
- . Automatically locking the device.
- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From a Home screen, touch Applications



- → Settings → Location and security.
- Touch Select device administrators.
- Select a device administrator and follow the prompts. If no device administrators are listed, you can download them from the Android Market.

Credential Storage

This option allows certain applications to access secure certificates and other credentials. Certificates and credentials can be installed to the SD card and password protected.

- From a Home screen, touch Applications
 → Settings → Location and security.
 - Touch **Use secure credentials** to activate this feature. A check mark displayed next to the feature indicates secure
- credentials is active.
 Touch Install from SD card to install encrypted certificates from the memory (SD) card.
- Touch Set password to set or change the credential storage password.
- Touch Clear storage to clear the storage (SD card or phone memory) of all contents and reset the credentials password.

Applications

This device can be used for Android development. You can write applications in the SDK and install them on this device, then run the applications using the hardware, system, and network. This feature allows you to configure the device for development.

Warning!: Android Dev Phone 1 devices are not intended for non-developer end-users. Because the device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Unknown Sources

When enabled, you can install applications from sources other than the Android Market.

- 1. From a Home screen, touch **Applications**
 - → Settings → Applications.
- Touch Unknown sources to enable or disable the setting.When enabled, a check mark appears in the check box.

Quick Launch

This feature allows you to set keyboard shortcuts to launch applications.

- From a Home screen, touch Applications +

 - → Settings → Applications → Quick launch.

The characters a through z and the numbers 0 through 9 are listed. Some defaults are set, such as Search + b, which is a shortcut to the Web.

- Touch **Assign application** next to an unused character or number.
- Scroll through the applications and touch the desired application.
 - or -

Press the Menu Key > Shortcuts to display additional options.

Touch and hold an assigned shortcut to display the Clear pop-up. Touch **OK** to unassign the shortcut.

Manage Applications

This feature allows you to manage installed applications. You can view and control currently running services or use the device for application development. Using the Samsung Apps option the device notifies you when you are using Wi-Fi or Packet data for Samsung applications.

You can also view the amount of memory or resources used as well as the remaining memory and resources for each of the applications on your phone and clear the data, cache, or defaults.

- From a Home screen, touch Applications
 - → Settings → Applications → Manage applications.

Clearing Application Cache and Data

To clear the data or cache for an application:

Important!: You must have downloaded applications installed to use this feature.

- 1. From a Home screen, touch Applications
- - → Settings → Applications → Manage applications.
- Touch the desired application for which you want to clear the cache or data.
- Touch Clear data or Clear Cache.

Uninstalling Third-Party Applications

Important!: You must have downloaded applications installed to use this feature.

- Touch the application you want to uninstall and touch
 Uninstall.
- 3. At the prompt, touch **OK** to uninstall the application.
- 4. At the Uninstall finished prompt, touch OK.

Moving Downloaded Apps to the SD Card

Once an application is downloaded to your device, it can be moved to the microSD card in order to save your phone's memory.

- From a Home screen, touch Applications
 → Settings → Applications → Manage applications.
- Touch the application that you want to move to the microSD card.
- Touch Move to SD card.

Note: If the application cannot be moved to the microSD card, Move to SD card is dark and cannot be selected.

Running Services

The **Running services** option allows you to view and control currently running services, such as AT&T Navigator, SNS (messaging), Swype, and more.

To stop a service from running on your phone:

- 2. Touch a service.
- At the Stop service? prompt, touch Stop to stop the service from running on your phone.

Development

From a Home screen, touch Applications
 → Settings
 → Applications → Development.

Important!: These features are used for development purposes only.

USB Debugging

Note: This feature is used for development purposes only.

When enabled, allows debugging when the device is attached to a PC by a USB cable.

Stay Awake

When enabled, the screen does not timeout and go dark.

Allow Mock Locations

Note: This feature is used for development purposes only.

If you are a developer who is using this device to test a GPS application, you can tell the device that the phone is at different GPS locations. In other words, the phone is allowed to "mock" the coordinates

Accounts and Sync

Set up and manage accounts, including your Google and Backup Assistant accounts.

- . Sign in to your Google account.
- From the **General sync settings** section, touch one of the
- following options:
 - Background data: Allows your phone to use data in the background.
 - **Auto-sync**: Automatically synchronizes your data with the phone.
- From the Manage accounts section, touch an open account to set the account settings.

Adding an Account

To add a new account:

- 1. From a Home screen, touch **Applications**
 - → Settings → Accounts and sync.
- 2. Touch Add account, then touch the account type.
- Follow the prompts to enter your credentials and set up the account.

Removing an Account

Important!: Removing an account also deletes all of its messages, contacts and other data from the device.

- From a Home screen, touch Applications
 → Settings → Accounts and sync.
- 2. Touch an account to display its settings.
- Touch Remove account, then touch Remove account at the prompt to remove the account and delete all its messages, contacts and other data.

Privacy

Manage your device's use of personal information.

From a Home screen, touch Applications
 → Settings
 → Privacy.

Back Up My Data

Enable or disable backup of your settings to the Google server.

- From a Home screen, touch Applications
 → Settings → Privacy.
- Touch Back up my data to enable or disable backup of settings to the Google server.

Automatic Restore

When enabled, backed-up settings are restored when you reinstall an application.

- From a Home screen, touch Applications
 → Settings → Privacy.
- Touch Automatic restore to enable or disable automatic restoration of settings from the Google server.

Factory Data Reset

Use Factory data reset to return your device to its factory default settings.

Warning!: Performing a Factory data reset erases all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It does not erase current system software, bundled applications, and external SD card files such as music and photos.

- Touch Factory data reset, then touch Reset phone.

At the confirmation screen, touch **Erase everything**.

The phone resets to the factory default settings automatically and, when finished, displays the Home screen.

SD Card and Phone Storage

From this menu you can view the memory allocation for the memory card as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see "Memory Card" on page 39

To view the memory allocation for your external SD card:

From a Home screen, touch Applications | —



→ Settings → SD card and phone storage.

Note: Total space and Available space settings cannot be configured.

Under SD card:

- Total space and Available space display memory usage on an installed memory card.
- Touch **Unmount SD card** to prepare the memory card for safe removal or formatting. For more information, refer to "Unmounting the SD card" on page 40.
- Touch Format SD card to erase the memory card and prepare it for use with your device. For more information, refer to "Erasing" Files from the SD Card" on page 41.
- 3. Under Internal phone storage:
 - Available space displays usage for your device's 2 GB internal memory.

Search

Use the search settings to configure parts of Google Web search (for example, whether Google makes suggestions below the Quick Search Box as you type), and what phone features you want to include in the searches.

- 1. From a Home screen, touch Applications

→ Settings → Search.

2. Touch one of the following search settings:

Web

- Google search: displays the Google search preference settings.
 - Show web suggestions: Include search matches from Google's online search engine.
 - Use My Location: Use your GPS location for Google search results and other Google services.
- Search history: Leave unchecked to include personalized search history results in the list.
- Manage search history: Manage the personalized search history associated with your Google account.

Phone

- Searchable items: Displays a screen to select search categories included in the device searches such as: Web, Apps, Contacts, Memo, Messaging, Music, and Voice Search.
- Clear shortcuts: Erases the history for recently selected search results.

Locale and Text

This setting allows you to configure the language used by your device. You can also set on-screen keyboard options.

- From a Home screen, touch **Applications**
 - → Settings → Locale and text.

Select Locale

To set the language used by your device:

- Select a language from the list.

On-Screen Keypad

Open your phone to use the built-in QWERTY keyboard while viewing your phone's additional touch screen.

To use the on-screen keypad while your phone is closed, activate the on-screen QWERTY keypad:

- Touch On-screen keypad.

A green check mark appears when this option is enabled. If this option is enabled, the QWERTY keyboard must still be used when the phone is open.

Select Input Method

There are two text on-screen input methods available: Swype and Android keyboard. Android keyboard is the default text input method.

Note: A green check in the check box next to Swype or Android keyboard indicates that method is available

- 1. From a Home screen, touch Applications
- - → Settings → Locale and text → Select input method.
- Select either Swype or Android keyboard and set the following Swype or Android keyboard settings.

Swype Settings

To configure Swype settings:

- From a Home screen, touch Applications +
 - → Settings → Locale and text → Swype.
- Touch one of the following Swype settings to activate the setting:

Preferences

• Language: Select the current text input language. Default language is US English.

- Audio feedback: Turns off sounds generated by the Swype application.
- Enable tip indicator: Turns on an on-screen flashing indicator that provides helpful user information.

Swype Advanced Settings

- Word suggestion: When enabled, suggests possible matching words as you enter text
- Auto-spacing: Automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word
- Auto-capitalization: Automatically capitalizes the first letter of a sentence
- **Show complete trace**: Select how long to show the Swype path.
- Speed vs. accuracy: Select how quickly Swype responds to input.
- Word choice window: Select how often the Word Choice window displays.

Help

- Swype help: View the on-line user manual for Swype.
- **Tutorial**: Display a short tutorial that helps you to get started using Swype.

About

• **Version**: Lists the Swype version number.

Android Keyboard Settings

From this menu you can set Android keyboard options.

- 1. From a Home screen, touch Applications
 - → Settings 🍑 → Locale and text → Android keyboard.
- Touch one of the following Android keyboard settings to activate the setting:

Android keyboard settings

- Sound on keypress: Play a brief sound each time you touch a key on the onscreen keyboard.
- Auto-capitalization: Automatically capitalize the first letter of the first word after a period, the first word in a text field, and each word in name fields
- Voice input: Opens a dialog where you can turn voice input off or set on which onscreen keyboard you want the voice-input Microphone key.
- Input languages: Check the languages you want to have available
 when using the onscreen keyboard. For more information, refer to
 "Changing Languages" on page 47.

Word suggestion settings

- Quick fixes: Automatically correct some common misspellings as you type.
- Show suggestions: Show suggested words in a strip above the onscreen keyboard as you type.

 Auto-complete: Automatically enter a suggested word, highlighted in orange in the strip above the keyboard, when you enter a space or punctuation.

Device Keyboard

The following settings are available for the built-in keyboard:

- 1. From a Home screen, touch Applications
- → Settings → Locale and text → Device keyboard.
- Touch one of the following Device keyboard settings to activate the setting:
 - Auto-replace: Automatically correct accidental misspellings.
 - Auto-cap: Enable automatic capitalization.
 - Auto-punctuate: Enable automatic punctuation.

Voice Input and Output

This feature allows the device to provide a verbal readout of on-screen data, such as messages and incoming caller information.

- 1. From a Home screen, touch **Applications**
 - → Settings → Voice input and output.
- Touch Voice recognition settings to access the following options:
 - Language: Set the language to use for your voice input and output.

- **SafeSearch**: Filter explicit images when performing voice searches. You can set to Off, Moderate, or Strict.
- Block offensive words: Hide recognized offensive words.
- Show hints: See hints displayed on the search box.
- Touch Text-to-speech settings to access the following options:
 - Listen to an example: Plays a short example of what the text-tospeech feature sounds like on your device when activated.
 - Always use my settings: Accepts an override of application settings with personal configurations for this text-to-speech settings screen. If enabled, your device defaults to using the text-to-speech feature.

Default settings

- **Default engine**: Displays the default engine used for voice recognition.
- Install voice data: Confirm the installation of necessary data required for voice synthesis.
- Speech rate: Adjust the rate at which on-screen text is spoken by the device. Options are: Very slow, Slow, Normal, Fast, and Very fast.
- Language: Assign the language used for verbal readout. Choose from American English or Spanish.

Engines

• Pico TTS: Used to modify settings for the Pico TTS default engine.

Accessibility

This service is able to collect all the text you type, including personal data credit card numbers except passwords. It may also log your user interface interactions. It comes from the applications such as KickBack, SoundBack, and TalkBack.

- Download a suitable screen reader from Android Market. For more information, refer to "Market" on page 169.
- Return to the Accessibility menu and touch Accessibility to create a check mark and activate the feature.
- Touch the services for which you want data to log. A check mark appears.
- If an Attention prompt appears, touch OK to continue or Cancel to exit
- Touch The power key ends calls option to create a check mark, if you want to press the power key to end calls. This does not turn off the screen.

Date and Time

This menu allows you to change the current time and date displayed.

- 1. From a Home screen, touch **Applications**
 - → Settings → Date and time.
- Touch Automatic to allow the network set the date and time.

Important!: Deactivate Automatic to manually set the rest of the options.

- Touch Set date and use the plus or minus icons to set the Month, Day, and Year then touch Set.
- 4. Touch Select time zone, then touch a time zone.
- Touch Set time and use the plus or minus icons to set hour and minute. Touch PM or AM. then touch Set.
- Optional: Touch Use 24-hour format. If this is not selected the phone automatically uses a 12-hour format.
- Touch Select date format and touch the date format type.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

- ► From a Home screen, touch **Applications**
 - → Settings → About phone.

The following information displays:

- Status: Displays the battery status, the level of the battery (percentage), the phone number for this device, the network connection, signal strength, mobile network type, service state, roaming status, mobile network state, IMEI number, IMEI SV, Wi-Fi MAC address, Bluetooth address, and Up time.
- Battery use: Displays the applications or services (in percentages) that are using battery power.
- Legal information: This option displays information about Open source licenses as well as Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.

Read the information and terms, then press to return to t Settings menu.

- Model number: Displays the phone's model number.
- Android version: Displays the version of the Android software on your phone.
- Baseband version: displays the baseband version loaded on this handset.
- Kernel version: displays the kernel version loaded on this handset.
- Build number: displays the software, build number.

Note: Android version, baseband, kernal, and build numbers are usually used for updates to the handset or support. For additional information please contact your AT&T service representative.

Software Update

The Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

- From a Home screen, touch Applications
 - → Settings → Software update.
- Touch Check for updates.
- At the Software update prompt, touch **OK** to continue.

- 4. The phone automatically updates the software, if available. Otherwise, when the Current software is up to date message is displayed, touch **OK**.
- When updating software, once the delta file for FOTA update is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, touch Continue update.

Setup Wizard

The Setup Wizard is the first thing you see when you:

- Power on your phone for the first time.
- After a software update (see "Software Update" on page 137), or
- After a factory data reset (see "Factory Data Reset" on page 130).

The Setup Wizard helps you set up your email and social network accounts in just a few moments.

You can guit at any time and set up your accounts individually from the Settings menu.

- 1. From a Home screen, touch Applications
- - → Settings → Setup wizard.
- Read and follow the instructions on each screen.

- 3. Touch Next to view the next screen.
 - or -

Touch **Previous** to re-display the previous Setup Wizard screen.

- or -

Touch **Emergency call** to display the Emergency dialer screen. Use the on-screen keypad to make an emergency call.

- or -

Touch **Quit Quit** or press the **Home Key** to exit the Setup Wizard and return to the Home screen.

For more information see "Wi-Fi Settings" on page 113 and see "Adding an Account" on page 129.

Section 9: Connections

This section describes the various connections your phone can make including accessing the Internet with Web, Wi-Fi, Bluetooth, and connecting to your PC.

Web

Web is your access to the mobile web. This section explains how to navigate the Web and introduces you to the basic features.

Accessing the Mobile Web

To access the Mobile Web:

From a Home screen, touch **Web** (1981).



The AT&T mobile homepage displays.

Navigating with Web

- To select an item, touch an entry.
- To scroll through a website in Mobile view, sweep the screen with your finger in an up or down motion.

- 3. To scroll through a website in Desktop view, sweep the screen with your finger in an up or down or left and right motion.
- Sweep the screen left to right to move laterally across a web page.
- To return to the previous page, press .
- to display Bookmarks. Most visited, and History.
- 7. Press the Menu Key Forward to go forward to a recent page.

Entering text in a field

 While browsing, touch a text field to display the QWERTY keyboard to enter text.

Note: You can enter text with the on-screen QWERTY keyboard or you can open up your phone and use the second screen and four-row QWERTY keyboard. For more information, refer to "Entering Text" on page 42.

Zooming In and Out on the Browser in Desktop View

There are several ways to Zoom in and out on your browser while in Desktop view:

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.



Selecting items on a page

While browsing, use gestures and menus to navigate:

- . Touch an item to select it.
- . Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for these options:
 - Open: Open the linked page.
 - Open in new window: Open a new window to display the linked page.
 - Bookmark link: Create a bookmark to the page (without loading it).
 - Save link: Save the linked page to Download history.
 - Share link: Send the link by way of Bluetooth, Email, Facebook, Gmail. or Messaging.
 - Copy link URL: Save the link's URL to the clipboard.

Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

From a Home screen, touch **Web** (11).



- Press the Menu Key
- To open a new window, touch New window.
 - or -

Touch Windows → New window.

- To switch to another open window, touch Windows, then touch another open window to display it.
- at the top right corner of the web page thumbnail to delete the window.

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

- From a Home screen, touch Web (1994).
- Touch the **URL** field at the top of your screen, then enter the URL using the QWERTY keyboard or on-screen keypad. As you enter characters, potential matches display.
- Touch a match to complete the URL.
 - or -

Continue entering characters and touch | → | to load the page.

Copying Fields or Text

Copy information from a web page to the clipboard for pasting, searching, or sharing.

Selecting Text

From a Home screen, touch Web



- Browse to a web page.
- On the web page, touch and hold on the text until the text viewer displays. When you see the text you want highlighted, stop touching the screen.
 - The text is highlighted.
- Touch and drag the text selector on to the left or right to select more or less text.
- To search for the highlighted text, touch Q, then touch Google, Google translate, Wikipedia, or Dictionary.

To share the highlighted text, touch 37, then touch Share as text or Share as image. Then touch Bluetooth, Email, Facebook, Gmail, Messaging, or Picasa (image only).

Copying a Hyperlink or URL

- From a Home screen, touch Web (and browse to a web page.
- Touch and hold on the link or URI
- Touch Copy link URL on the pop-up menu.

Pasting Text, Hyperlinks, or URLs

To paste copied text, hyperlinks, or URLs:

- Navigate to the desired field or to another application.
- Touch and hold in a text field.
- Touch **Paste** on the pop-up menu.

Using Bookmarks

While browsing, bookmark a site to guickly access it later.

Creating a Bookmark

- From a Home screen, touch Web and browse to a web page.
- Touch | → Bookmarks.
- Touch Add

The Add bookmark prompt displays.

Confirm the Name, URL, and Folder for the bookmark, then touch **OK** to save the bookmark.

Accessing Bookmarks, Most Visited, and History

Launch a bookmarked page or most visited page, or reload recent pages.

- Touch 🔀 .
- On the Bookmarks tab, use these options:
 - Touch a bookmark to load the page.
 - Touch and hold on a bookmark for these options:
 - Open: Launch the bookmarked page.
 - Open in new window: Open the linked page in a new window.
 - Edit bookmark: Change the bookmark name or URL.
 - Add shortcut to Home: Create a bookmark on the Home screen.
 - Share link: Use Bluetooth, Email, Facebook, Gmail, or Messaging to send the link
 - Copy link URL: Save the link's URL to the clipboard.
 - Delete hookmark: Remove the hookmark
 - Set as homepage: Assign the bookmarked link as the home page.
- 4. On the Most visited tab. use these options:
 - Touch a link to reload it
 - Touch the star next to a link to bookmark it.

- Touch and hold on a link for these options:
 - **Open**: Launch the web page.
 - Open in new window: Launch the web page in a new window.
 - Add bookmark/Remove from Bookmarks: Bookmark the page or remove the bookmark for this page.
 - Share link: Use Bluetooth, Email, Facebook, Gmail, or Messaging to send the link.
 - Copy link URL: Save the link's URL to the clipboard.
 - **Remove from history**: Remove the record of this page.
 - **Set as homepage**: Assign the bookmarked link as the home page.
- 5. On the **History** tab, use these options:
 - . Touch a link to load it.
 - Touch Today, Yesterday, Last 7 days, or Last month for lists of recent pages.
 - . Touch the star next to a link to bookmark it.

 - Touch and hold on a link for these options:
 - Open: Launch the web page.
 - Open in new window: Launch the web page in a new window.
 - Add bookmark/Remove from Bookmarks: Bookmark the page or remove the bookmark for this page.
 - Share link: Use Bluetooth, Email, Facebook, Gmail, or Messaging to send the link.
 - Copy link URL: Save the link's URL to the clipboard.
 - Remove from history: Remove the record of this page.
 - **Set as homepage**: Assign the bookmarked link as the home page.

Web Menu

While viewing a web page:

- Press the Menu Key to display the following options:
 - New window: Open a window.
 - Windows: View the windows you have open. For more information, refer to "Using Browser Windows" on page 140.
 - · Refresh: Reloads the current page.
 - Forward: Go forward to a recent web page.
 - Add bookmark: Adds a URL to your bookmark list.
 - More: Displays the following additional options:
 - Add shortcut to Home: Set your homepage as a shortcut on your display.
 - Add RSS feeds: Add RSS (Really Simple Syndication) feeds. RSS is a family of web feed formats used to publish frequently updated works, such as blog entries, news headlines, audio, and video.
 - Find on page: Search in the current page.
 - Page info: Displays information about the selected page.
 - Share page: Share the page using Bluetooth, Email, Facebook, Gmail, or Messaging.
 - Downloads: Displays the download history.
 - Settings: Customize your browser settings. For more information, refer to "Web Settings" on page 145.

Search the Internet

To perform an internet search using keywords, follow these steps:

- From a Home screen, touch Web and navigate to the Google homepage
- Touch the search field, use the keypad to enter a word or phrase, and touch Q.
- A list of search results displays.
- Touch a link to view the website.

Emptying the Cookies

A cookie is a small file which is placed on your phone by a website during navigation. In addition to containing some sitespecific information, it can also contain some personal information (such as a username and password) which can pose a security risk if not properly managed. You can clear these cookies from your phone at any time.

- From a Home screen, touch Web
- Press the Menu Key → More → Settings → Clear all cookie data.
- At the All cookies will be deleted prompt, touch **OK** to delete the cookies or touch Cancel to exit.

Using your History

The History list provides a list of the most recently visited websites. These entries can be used to return to previously unmarked web pages.

1. From a Home screen, touch Web (1).



Touch → History.

A list of your most recently visited websites is displayed with Name and URL address.

- Touch any entry to display the webpage.
- Press the Menu Key → Clear history to delete the History list.

Using Most Visited

The Most visited list provides you with a list of the most visited websites that you have bookmarked. These entries can be used to return to previously unmarked web pages.

- From the Home webpage, touch → Most visited. A list of your most visited web pages is displayed with Name and URL address. The web pages that have been visited the most appear at the top.
- Touch any entry to display the web page.

Web Settings

To make adjustments in your browser settings, follow these steps:



Press the Menu Key → More → Settings for the following options:

Page content settings

- **Default zoom**: Choose a default zoom level for web pages.
- Open pages in overview: When enabled, displays an overview of newly-opened pages.
- **Text encoding**: Choose a default character set for web pages.
- Block pop-up windows: When enabled, blocks pop-up windows.
- Load images: When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.
- Auto-fit pages: When enabled, Web automatically sizes web pages to fit your device's display.
- Landscape view only: When enabled, all pages display in the wider landscape orientation (rotate your device to view pages in landscape mode).
- Enable JavaScript: When enabled. Web automatically runs JavaScript scripts on pages you visit.

- Enable plug-ins: When enabled, Web automatically loads and runs plug-ins on pages you visit.
- Open in background: When enabled, new windows open behind the current window.
- **Set home page**: View and set the default first page that displays when you launch Web.

Privacy settings

- Clear cache: Delete content and databases stored on the device.
- Clear history: Delete the list of previously-visited pages.
- Accept cookies: When enabled, allows Web to save and read cookie information used by web pages.
- Clear all cookie data: Delete cookie information saved to the device.
- Remember form data: When enabled, stores information you enter into forms to make future forms easier.
- Clear form data: Deletes saved form information.
- Enable location: When enabled, sites you visit can request access to your location.
- Clear location access: Clear location access for all websites.

Security settings

- Remember passwords: When enabled, saves usernames and passwords for sites you visit, to make future visits easier.
- Clear passwords: Clear all saved usernames and passwords.

 Show security warnings: When enabled, Web warns you if there is a problem with a site's security.

Advanced settings

- Select search engine: Select the search engine you want to use. Choices are: Google, Yahoo!, and Bing.
- . Website settings: View and manage settings for individual websites
- Reset to default: Clear all browser data and reset all settings to the factory defaults.

Wi-Fi

About Wi-Fi

Wi-Fi (short for "wireless fidelity" and sometimes referred to as wifi) is a term used for certain types of Wireless Local Area Networks (WLAN). These device types use an 802.11 wireless specification to transmit and receive wireless data. Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Turning Wi-Fi On

By default, the Wi-Fi feature is turned on. When Wi-Fi is on. your device is able to discover and connect to compatible in-range WAPs.

- 1. From a Home screen, touch Applications

 - → Settings → Wireless and networks
 - → Wi-Fi settings.
- Touch the **Wi-Fi** field to activate the feature. A green check mark indicates that Wi-Fi is active. The device scans for available in-range wireless networks and displays them under Wi-Fi networks on the same screen.

Connect to a Wi-Fi Network

- 1. From a Home screen, touch Applications

 - → Settings → Wireless and networks
 - → Wi-Fi settings.

The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

Touch the network to which you want to connect.

Note: When you select an open network, you are automatically connected to the network

If necessary, enter a wireless password.

Manually Add Your New Network Connection

- From a Home screen, touch Applications
 - → Settings 🍑 → Wireless and networks
 - → Wi-Fi settings.
- Touch Add Wi-Fi network.
- Enter the Network SSID. This is the name of your Wireless Access Point.
- Touch Security and select a security option. This must match the current security setting on your target WAP.
- 5. If secured, you also need to enter your WAP's password.
- Touch Save to store the new information and connect to your target WAP.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Turning Wi-Fi Off

- 1. From a Home screen, touch Applications
 - → Settings 🍑 → Wireless and networks
 - → Wi-Fi settings.
- Touch the Wi-Fi field to deactivate the feature. The green check mark is removed.

Note: Using wireless data connections, such as Wi-Fi and Bluetooth, can cause an added drain to your battery and reduce your use times.

Manually Scan for a Wi-Fi Network

- 1. From a Home screen, touch **Applications**
 - → Settings → Wireless and networks
 - → Wi-Fi settings.
- 2. Press the Menu Key
 → Scan.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:



Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



Displays when your device is not connected to any Wireless Access Point (WAP) or when Wi-Fi is active, but there is a communication issue with the target Wireless Access Point (WAP).

Wi-Fi Advanced Settings

The Wi-Fi settings - Advanced menu allows you to set up many of your device's Wi-Fi service, including:

- · Setting your Wi-Fi sleep policy
- · Viewing your device's MAC Address
- Configuring use of either a DHCP or Static IP

To access the Bluetooth Settings menu:



- → Settings → Wireless and networks
- → Wi-Fi settings.
- Press the Menu Key
 → Advanced.

For more information, refer to "Network Notification" on page 114.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

- 1. From a Home screen, touch **Applications**
 - → Settings → Wireless and networks
 - → Bluetooth settings.
- Touch Bluetooth to activate the feature (a check mark indicates active).

Note: When Bluetooth is on, the Bluetooth icon Bar.

To turn Bluetooth off:

- From a Home screen, touch Applications
- - → Settings → Wireless and networks
 - → Bluetooth settings.
- Touch **Bluetooth** to deactivate the feature. The green check mark is removed.

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- Displaying your device's Bluetooth address

To access the Bluetooth Settings menu:

- From a Home screen, touch Applications

 - → Settings → Wireless and networks
 - → Bluetooth settings.
- Verify your Bluetooth is active.
- Touch the **Device name**, **Visible**, and **Scan devices** fields to set the options.

To change your Bluetooth name:

- Verify your Bluetooth is active.
 - From the Bluetooth settings page, touch **Device name**.
- Enter a new name.
- Touch **OK** to complete the rename process.

To make your device visible:

- 1. Verify your Bluetooth is active.
- 2. From the Bluetooth settings page, touch Visible.
 - Making your device visible allows it to be detected by other devices for pairing and communication.

Note: Your device is visible for up to 120 seconds (2 minutes). This value appears as a countdown within this field.

To scan for Bluetooth devices:

- Verify your Bluetooth is active.
- 2. From the Bluetooth settings page, touch **Scan devices** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

For more information, refer to "Bluetooth Settings" on page 114.

Pairing Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

- 1. From a Home screen, touch Applications
 - → Settings → Wireless and networks
 - → Bluetooth settings.
- 2. Touch Bluetooth to turn on Bluetooth.
- 3. Enable the target device's discoverable or visible mode.
- Touch Scan devices.
- 5. From the list of scanned devices, touch the target device, then follow the prompts to complete the pairing:
 - If the target device requires a PIN, enter a PIN for the target device and touch **0K**. When prompted, enter the PIN on the target device.
 - If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing.

Note: Due to different specifications and features of other Bluetoothcompatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode again.

To disconnect a paired device:

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you want to reconnect the device, there is no need to setup the connection information again.

- Verify your Bluetooth is active.
- From the Bluetooth settings page, touch and hold the previously paired device (from the bottom of the page).
- 3. Touch Unpair to confirm disconnection.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

Sending Contacts Using Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send pictures, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

- 1. Verify your Bluetooth is active.
- 2. From the Home screen, touch Contacts 🔼
- 3. Press the Menu Key
 → Import/Export
 - → Send namecard via.
- Touch each contact that you would like to send with Bluetooth. A green check mark appears next to each entry you select.
- Touch Send.
- Touch Bluetooth. If Bluetooth is not active, touch Yes to enable it.
- Select the paired device to which you want to send the contacts

Note: The external Bluetooth device must be visible and communicating for the pairing to be successful.

 A Bluetooth share notification appears in your notifications list.

Connecting to a Computer

To connect your phone to a personal computer:

- On your phone, from a Home screen, touch

 Applications → Settings → Applications
 - → Development → USB debugging.

Make sure this setting is NOT checked.

Warning!: Close any running applications before connecting your device to a PC.

- Make sure the battery is fully charged and connect your phone to the computer using the USB cable.
 The USB Mass Storage screen displays on your phone.
- Touch Turn on USB storage on your phone.
- If the Turn on USB storage pop-up displays, touch OK.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. Insert a memory card in the device and you can access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk.

- To transfer files from or to a memory card, insert it into your phone. For more information, refer to "Installing a Memory Card" on page 7.
- Connect your phone to your computer. For more information, refer to "Connecting to a Computer" on page 151.
- 3. A pop-up window displays on the PC when connected.
- 4. Open the folder to view files.
- 5. Copy files from / to the PC to / from the memory card.

Section 10: Applications

This section contains a description of each application that is available in the Applications Menu, its function, and how to navigate through that particular application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided. Various widgets are also described.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For details, see "Customizing Your Home Screen" on page 26

You can also add an application icon as a Primary Shortcut that displays on all Home screens. If you add an application as a primary shortcut, the application icon is not displayed in the Applications menu. For more information, refer to "Adding and Removing Primary Shortcuts" on page 37.

GPS Applications

GPS applications allow you to achieve real-time, GPS-enabled, turn-by-turn navigation, and to access local searches based on a variety of category parameters.

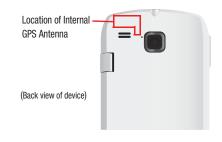
To receive better GPS signals, avoid using your device in the following conditions:

- · inside a building or between buildings
- in a tunnel or underground passage

- in poor weather
- · around high-voltage or electromagnetic fields
- . in a vehicle with tinted windows

Global GPS turn-by-turn navigation, mapping, and Point of Interest content is available for three continents, including North America (U.S., Canada, and Mexico), Western Europe, and China, where wireless coverage is available.

Important!: If you touch or cover the internal GPS antenna while using GPS services, it may impede the GPS signal resulting in the GPS services not working in an optimal manner. Refer to the following diagram to locate the approximate location of the internal GPS antenna



AT&T Code Scanner

AT&T Code Scanner allows you to scan two-dimensional (QR and datamatrix codes) and one-dimensional (UPC and EAN) barcodes found in magazines, stores, and online.

- Touch View Terms and Conditions, read the Terms and Conditions, and touch Accept to continue.
- At the My Profile screen, touch Ok to enter profile information or touch Not now to bypass.
- 4. Position your phone approximately 6-8 inches from the barcode. Ensure that the barcode is completely within the window as shown below. Keep your phone steady for best results.



- The scanner automatically scans the barcode. It may take several seconds.
- After the scan, touch Yes to open the web page to view the information on the barcode that was scanned.

AT&T FamilyMap

AT&T FamilyMap provides peace of mind by being able to conveniently locate a family member from your wireless phone or PC and know that your family's location information is secure and private.

- At the AT&T FamilyMap Sign In webpage, enter your Phone Number and Password in the appropriate fields and touch Submit.

Note: To sign up for service, visit http://www.att.com/familymap for more information.

Follow the on-screen instructions.

AT&T Navigator

AT&T Navigator gives you access to real-time GPS-driven applications. These programs not only allow you to achieve turn-by-turn navigation, but also access to local searches.

Important!: You must have a data plan to use this feature.

Launching AT&T Navigator

- 1. From a Home screen, touch Applications 🔡
 - → AT&T Navigator 🐠.
- Read the Terms of Service and touch Accept to acknowledge the terms of use.

The first time you launch AT&T Navigator, some files may be downloaded.

The AT&T Navigator main menu screen displays.

Using AT&T Navigator

On the AT&T Navigator main menu screen:

 Select an option and follow the on-screen instructions to activate Navigator features.

- Drive To: Get driving directions from where you are to where you are going. Choices include:
 - Set Up Home/Home: Set up your home street number and name, city, state, and ZIP code. Touch Submit when you have entered all information. Once your home address is set up, touch and hold Home to Edit or Delete the information.
 - My Favorites: Displays your favorite (marked) GPS navigation sites.
 - Recent Places: Displays your recently entered locations.
 - Address: Displays manually entered locations.
 - Contacts: Access a contact to get address information.
 - Places: Search for nearby places, such as ATMs, theaters, gas stations, shopping, and so on. Touch an entry in the resulting list to use that address.
 - Airport: Search for local airports based on your current GPS location.
 Touch an entry in the resulting list or manually enter the 3-letter airport code or name.
- Places: Search the directory and find the addresses and phone numbers of businesses such as restaurants, hotels, gas stations, and so on
- Maps & Traffic: View a map and traffic information of your current location or a location you choose.
- Local Apps: Search for movies, theaters, and movie times, display the local weather conditions, or view commute alerts.
- Press the Back Key to exit.

Note: These services require the purchase of a subscription.

Obtaining Driving Directions

Your phone's built-in GPS hardware allows you to get real-time driving directions to selected locations or establishments based on your current location.

Using a Physical Address

- From a Home screen, touch Applications
 → AT&T Navigator → Drive To → Address.
- 2. There are two ways to enter an address:
 - Type It: Touch the input fields and use the keyboard or the on-screen keypad.
 - Speak It: Touch the microphone to enable the voice response unit and translate voice to text.
- If typing in the address, touch the following fields and use the on-screen alphanumeric keypad to enter the necessary information:
 - Street number and name: Enter the street number and name. Touch **Done** to complete.
 - City, State or ZIP: Enter the city and state name or the postal ZIP code. Possibilities display as you type. Touch a possibility or continue typing. Touch Done to complete.

- Touch Submit to begin the search process and receive driving directions from the GPS network.
- 5. Follow both the on-screen and audio directions.

Books

Use the Books app to read eBooks from the web-based Google Books service. Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline.

You can read books online or mark them for availability offline, so you can read them when you have no Internet connection (such as on an airplane). You can also use Books as your starting point for browsing or searching for books on line.

- - The Google Books main screen displays.
- 2. Press the Menu Key for these options:
 - Sort order: Sort books by Recently read, Title, or Author.
 - Manage eBooks: Touch to delete books or touch to mark books to make them available offline.
 - Refresh: If a book in your library does not appear on your device, use this option to update the display.
 - Accounts: Set the account to use.
 - . Settings: Displays the following settings:

- Storage location: Indicate whether to store you books on the SD card or in internal storage.
- **About**: Shows the version of the Books app.
- Terms of Service: Displays Google's Mobile Terms of Service.
- Privacy Policy: Displays Google's Privacy Policy.
- Help: Displays various Book help information. Touch Help Center to get additional Google Book information.
- 3. Touch the cover of a book to start reading.
 - Once the book displays, sweep across the screen to turn the page.
 - Press the Menu Key for these options:
 - About: Display information about the book you are reading.
 - Contents: Displays the book's table of contents.
 - Original pages/Flowing text: Display the book in original print format or flow the text for easier reading.
 - My ebooks: Display the Books main screen.
 - Settings: Set the Text size, Typeface, Line space, justification, Themes, and the Brightness.
 - Help: Displays various Book help information. Touch Help Center to get additional Google Book information.

- To add more books to your library, touch Get eBooks on the Books main screen.
 - Browse the selection of Google eBooks, which are arranged in categories like Top Rated, Top Sellers, Best of Free, and many more.
- 5. To find a book by title or author name, touch **Search** on the Books main screen or touch **Get eBooks**, touch the search field, enter a title, author, or keyword, and touch **Search** .
- 6. To contact customer support, report an issue, and display more Google eBooks information, from a Home screen, touch Applications → Books , then press the Menu Key → Help.

Calculator

The calculator provides the basic arithmetic functions: addition. subtraction, multiplication, and division. The Calculator also provides additional mathematical functions.

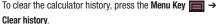
1. From a Home screen, touch Applications



→ Calculator

Note: The Calculator functions similarly in landscape or portrait mode.

- Enter the first number using the on-screen numeric keys.
- Enter the operation for your calculation by touching the + (add), - (subtract), x (multiply), or + (divide) key.
- Enter the next number.
- To view the result, touch the = (equals) key.
- Repeat steps 3 through 5 as many times as required.





- or -

Touch Delete

- Sweep across the screen, to the left, to display additional mathematical functions.
 - or -

Press the Menu Key Advanced panel.

The advanced operators display. Use sin, In, cos, log, tan, and so on, just as you would on a pocket calculator.

Touch and hold the Calculator's display to copy the contents of the display.

Paste the copied value in another app.

Calendar

With the Calendar feature, you can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary,

To access the Calendar:

- From a Home screen, touch Applications
 - → Calendar

The calendar displays as you last viewed it.

Calendar Options

- From any Calendar view, press the Menu Key is to display the following options:
 - Day: Displays the selected day only with any events highlighted.
 - Week: Displays the selected week with today's time and date highlighted.
 - Month: Displays the selected month with today's date highlighted.
 - Agenda: Displays the Event List, which is all events that you have added for all dates in the order that they appear.
 - Today: Takes you to today's date. if you are not already there.
 - More: Displays the following options:
 - Create: Create a new event for any day or time period.
 - Go to: Go to any date on your calendar. Touch + or to set the month, day, and year, then touch Set.
 - Calendars: Displays all calendars they you have created.
 - **Settings**: Displays the calendar settings. For more information, refer to "Calendar Settings" on page 159.

Calendar Settings

To configure the settings for the messages, multimedia messages, Voice mails, and Push messages.

1. From a Home screen, touch Applications



→ Calendar

2. Press the Menu Key → More → Settings.

The Calendar settings are:

Calendar view setting

- Hide declined events: Do not display events you have received from others, if you have declined them.
- First day of week: Set the first day of the week to Sunday or Monday. This affects how the Month view calendar is displayed.

Reminder settings

- Set alarms and notifications: Set an alarm or Status Bar notification to remind you of an event.
- **Select ringtone**: Set the ringtone for the Event notification tone.
- Vibrate: Set the Event notification tone to vibrate Always, Only in Silent mode, or Never.
- **Default reminder time**: Set the default time for reminders. Choices are: None; 1, 5, 10, 15, 20, 25, 30, or 45 minutes; 1, 2, 3, 12, or 24 hours: 2 days: or 1 week.

About

• Build version: Displays the release number of your Calendar app.

Agenda

The Agenda displays all events that you have added for all dates in the order that they appear.

- 1. From a Home screen, touch **Applications**
 - → Calendar
- 3. Touch any event to display it.
- 4. Press the Menu Key i to display the following options:
 - Add reminder: Set up a reminder for this event.
 - Edit event: Change the Event name, date, time, location, reminder, and description. Touch Done to save the updates.
 - Delete event: Delete the event. Touch **OK** at the prompt.
 - Send via: Send this event information by way of Bluetooth, Email, or Messaging.

Camera

Use your 3.2 megapixel camera feature to produce photos in a JPEG format. Your phone also functions as a Camcorder to take videos.

For more information, refer to "Camera" on page 82.

Clock

The Clock application is used to set an alarm to ring at a specific time and to access all defined alarms.

The Clock main screen displays:



- The options that appear on the main Clock screen are:
 - Next Enabled Alarm: The next alarm that is enabled. Touch the alarm to display the alarms list.
 - Time. Dav. and Date: The current time, day, and date.
 - Current Weather Conditions: The location and temperature (current, high, and low). Touch this area to display more weather information including a six-day weather forecast.
 - . Alarms: Touch to display the alarms list.
 - **Slideshow**: Touch to display a slideshow of your photographs.
 - **Music**: Touch to display the Music home screen.
 - **Home**: Touch to display the main Home screen.
 - Battery Charge Progress: Displays the progress if you are charging the phone battery.
 - Screen Format: Touch and hold to display only the next enabled alarm, the time, the day, and the date. Touch the screen to display the full Clock screen.

Adding an Alarm

To create a new alarm:

From a Home screen, touch Applications



→ Clock

2. Press the Menu Key → Add alarm.

The following options display:

- Turn alarm on: Touch the check mark. A green check mark means the alarm is on
- **Time**: Touch (+) or (-) to set the new time for the event, at which time an alarm sounds. Touch Set.
- Repeat: Set the repeating status for the alarm by touching one or more days of the week. Touch OK.
- **Ringtone**: Set the sound to play when the alarm is activated. Touch OK
- Vibrate: Touch the check mark. A green check mark means the phone will also vibrate when the alarm is activated.
- Label: Enter a name for the alarm. The name appears on the display when the alarm activates. Touch **OK**.

Viewing and Managing Alarms

To view and manage the alarms you have set up:

1. From a Home screen, touch Applications





2. Press the Menu Key
→ Alarms.

Your alarms are listed.

→ Clock (~



Touch Add alarm to create a new alarm. For more

information, refer to "Adding an Alarm" on page 161.

- 4. Touch an alarm entry to edit the alarm settings.
- Touch and hold an alarm to display these options.
 - Turn alarm on/Turn alarm off: Turn the alarm on or off. When the alarm is on, a green bar appears under the alarm clock icon to the left of the entry.
 - Edit alarm: Edit the alarm settings.
 - Delete alarm: Delete this alarm entry.
- **6.** From the alarms listing, press the **Menu Key** to display the following options:
 - Desk clock: Display the Clock main screen.
 - Add alarm: Create a new alarm.
 - Settings: Displays the following options:
 - Alarm in Silent mode: Enable the alarm to play even if the phone is in Silent mode.
 - Alarm volume: Drag the slider to adjust the alarm's volume.
 - Snooze duration: Set a snooze duration of 5, 10, 15, 20, 25, or 30 minutes.
 - Side key function: Set the desired function of the Volume key when pressed during an alarm. Choices are: None, Snooze, or Dismiss.

Turning Off an Alarm

To stop an alarm when it sounds:

► Touch the Dismiss button on the alarm pop-up.

Press the up or down volume key — —

Activating the Snooze Feature

► To activate the Snooze feature after an alarm sounds, touch the Snooze button on the alarm pop-up. The Snooze duration must be set in the alarm settings. For more information, refer to "Viewing and Managing Alarms" on page 161.

Deleting Alarms

To delete an alarm, follow these steps:

- Press the Menu Key
 → Alarms.
 Your alarms are listed.
- 3. Touch and hold an alarm and then touch Delete alarm.
 - or -

Touch an alarm and then touch Delete.

Contacts

Store contact information for your friends, family and colleagues. to guickly access information or to send a message.

You can also synchronize your phone Address Book with AT&T Address Book, the network backup service.

For more information, refer to "Contacts and Your Address Book" on page 64.

Tip: A shortcut to Contacts appears on the Home screen by default.

- From a Home screen, touch **Applications**

Dual Clock

→ Contacts

Display the date and time for two different locations.

- Navigate to the desired Home screen, then touch and hold on the screen to display the Add to Home screen menu.
- Touch Widgets → Dual clock ().



The Dual clock widget displays, which is actually two widgets. Each widget displays the time and a city name.

Touch either widget to choose a different city than the one currently displayed.

Email

Email enables you to review and create email using AIM®. AOL®, Yahoo!® Mail, Comcast, Compuserve, Earthlink, Gmail, HotPOP, Juno, Mac, NetZero, SBC Yahoo! and several other email services. You can also receive text message alerts when you receive an important email. For more information, refer to "Email" on page 105.

Facebook

Set up and access your Facebook account.

1. From a Home screen, touch Applications

→ Facebook 4

The Facebook account screen displays.

- Enter your **Email** address and **Password**, then touch **Login**.
 - or -

Touch **Sign up**, if you do not have an existing account, enter the required information, and touch Sign Up.

The Sync friends with Contacts screen displays.

Touch Sync all, Sync with existing contacts, or Don't sync, and then touch Finish.

Your Facebook page displays.

Touch the **Back Key** to display other Facebook options. Touch an option or touch the Back Key to exit Facebook.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message. For more information, refer to "Gallery" on page 88.

Gmail

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web. For more information, refer to "Gmail" on page 102.

Google Search

Google Search is an on-screen Internet search engine powered by Google™.

- 1. From the Home screen, touch the Google Search widget 8 Google ı.
 - or -

From a Home screen, touch **Applications**



- → Google Search
- 2. Use the on-screen keypad to enter the item you want to search for, then touch **Go** \Rightarrow to start the search.
- Touch 8 to narrow your search results. Touch All, Web, Apps. or Contacts to only search in those areas.
- Touch **b** to use Google Voice Search. For more information, refer to "Voice Search" on page 177.

Latitude

With Google Latitude, you can see the location of all of your friends on a map or on a list. You can also share or hide your location.

You must first set up your phone to use wireless networks to help pinpoint your location. Also, Latitude works best when Wi-Fi is enabled.

- From a Home screen, touch Applications
 → Settings → Location and security.
- Touch Use wireless networks.

A green check mark indicates the feature is enabled.

- Press the Back Key to display the Settings screen, then touch Wireless and network → Wi-Fi settings.
- 4. Touch Wi-Fi to turn Wi-Fi on.
- Log on to your Google account. For more information, refer to "Creating a New Google Account" on page 11.

Your location is displayed on the map, accurate to 30 meters.

Sharing your Location with Friends

- From the Latitude map screen, touch to display your Latitude list of friends. At first, only your name is displayed.
- Press the Menu Key → Add friends.
- Touch Select from Contacts or Add via email address.
- 4. Touch a contact.
 - or -

Enter an email address and touch **Send** on the keyboard.

5. At the **Send sharing requests** prompt, touch **Yes**.

Your friend will receive an email or text message with your location marked on a map. Your friend also receives instructions on how to view your location from the web or use Latitude on a phone or tablet, provided it is available. Once they acknowledge your request, their location displays on your device. They can share their location from their computer, phone, or tablet.

For more information, go to http://www.google.com/latitude.

Latitude Menu

- 1. From a Home screen, touch **Applications**
 - → Latitude 🦺.
- Touch to display your Latitude list of friends.
- 3. Press the Menu Key im for these options:
 - Refresh friends: Update your Latitude list of friends.
 - Check in: Automatically check in at specific places you designate, and you will be checked in when you are there.
 - See map: Display the map screen with your location indicated.
 - Add friends: Share your location with friends. For more information, refer to "Sharing your Location with Friends" on page 165.
 - Settings: Used to set various Latitude options.

Location reporting

- Detect your location: Enable or disable whether your location is updated automatically.
- Set your location: Set your location manually.
- Do not detect your location: Your friends cannot see your automatic location.

Location History settings

- Enable location history: This history is only seen by you.

Check-in settings

- Enable automatic check-ins: Checks you in to places that you have designated.
- Enable check-in notifications: Enables notifications that suggest places to check in.
- Manage your places: View and modify your automatic check-ins and muted places.

Account settings

 Sign out of Latitude: Signs you out of Latitude and launches the Maps application.

For the remaining options, see "Maps Menu" on page 168.

Live TV

Live TV is a subscription service that allows you to watch your favorite TV shows using your device. For more information, refer to "Live TV" on page 81.

Maps

Use Google Maps to find your current location, get directions, and other location-based information. Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends.

Important!: Before using Google Maps you must have an active data (3G) connection. The Maps application does not cover every country or city.

Enabling a Location Source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

- Touch the Use GPS satellites field. A green check mark displays next to the field.

Note: Selecting Use GPS satellites allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

For more information, refer to "GPS Applications" on page 153.

Navigating the Map

Zooming

- Double-tap on the screen to zoom in.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.



Tip: For convenient browsing, you can rotate the device to landscape mode.

Scrolling

• Touch and drag on the screen to reposition the map in the display.

Touch

 Touch an icon on the map to display information about the location. For example, your location is indicated by a flashing \(\big\) and a pop-up that says My Location.

Maps Menu

- 1. From a Home screen, touch Applications

→ Maps ***.

A map displays with your location in the very center.

- While viewing a map, press the **Menu Key** to display the following options:
 - . Search: Search for a place of interest.
 - Directions: Displays navigation directions to a location from a starting point.
 - Starred Places: Displays locations you have marked as a favorite such as restaurants, museums, parks, and so forth. To mark locations, press and hold on a location and, when the screen displays with the address, touch the star in the upper-right corner. It is listed in your Starred Places.
 - Clear Map: Remove all markings and layers from the map.
 - Join Latitude/Latitude: Join Latitude, to share your location with friends you choose and Google.
 - More: Displays the following additional options:
 - Labs: This is a testing ground for experimental features that are not ready for primetime. They may change, break or disappear at any time. Click on a Lab to enable or disable it
 - Cache Settings: Set options to pre-fetch map tiles when not using Wi-Fi and to clear the cache that holds the map tiles.

- **Help**: Displays the Google Mobile Help web page where you can receive help on Google Maps.
- Terms. Privacy & Notices: Displays the Terms and Conditions. Privacy Policy, and Legal Notices information. Select the desired information from the pop-up menu or select Web History to view your Google search history.
- About: Displays general information about Google maps such as Version, Platform, Locale, Total data sent, Total data received, Free memory, and so on.

Other Map Options

Touch the indicated icon to use these additional Map options:



Search Maps: Touch Search Maps and then use the keypad to enter your request to Search the map for a city, location, and so on. Suggestions are displayed as you type.

- or -

and speak a city, location, and so on, to Touch display.



Places: Launch the Places app. For more information, refer to "Places" on page 174.



Layers: Enable or disable a map layer to display. Choose from Traffic, Satellite, Terrain, Buzz, or Latitude. Touch **More Layers** to choose from My Maps, Bicycling, Wikipedia, or Transit Lines.



Compass: Set the map to always display north at the top of the screen or to automatically rotate like a compass, keeping north on the map facing north, and so on. Your device may have to be calibrated the first time you use this feature. Follow the on-screen instructions.



Zoom Out: Touch to zoom out and show a larger area in less detail.



Zoom In: Touch to zoom in and show a smaller area in more detail.

Market

Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

Before using the Android Market you must have a Google Account. For more information, refer to "Gmail" on page 102.

1. From the main Home screen, touch Market



Note: The main Home screen initially contains the Market will icon. If you delete it or, if you want to access Messaging from another Home screen, you must touch Applications → Market will.

- Sign in to your Google account.
- The first time you sign in, the Android Market Terms of Service displays. Touch Accept to continue or Decline to exit.
- Touch Apps, Games, Books, or Movies to download or purchase applications, games, books, or movies. You can also download updates to existing applications.
- Follow on the on-screen instructions.

Memo

This feature allows you to create a memo and send it via Bluetooth, Email, or Messaging.

- 1. From a Home screen, touch **Applications**
 - → Memo → Create memo.
- Type your Memo using the keypad and touch Save.The memo displays in the memo list.
- To send a Memo, touch and hold the Memo in the Memo list.
- 4. Touch Send via.
- 5. Touch Bluetooth, Email, or Messaging
- Enter the recipient information and touch Send. For more information, refer to "Message Options" on page 97.
- To modify a Memo, touch the pencil icon in the top left corner of the Memo. Edit the Memo then touch Save.
- You can change the color or your Memo by simply touching a color sample at the bottom of the display.

- 9. From the Memo list, press the Menu Key to display the following options:
 - Create: allows you to create a new memo.
 - Maximize/Minimize: in the Memo list, allows you to see the entire
 contents of your memos. Otherwise, only the first line displays for
 each memo in your list.
 - Delete: allows you to delete one or all of your memos.
 - Search: allows you to search your memos for a particular word or words.

Messaging

The Messaging feature allows you to send text messages and multimedia messages to other phones and email addresses. For more information, refer to "Creating and Sending Messages" on page 96.

Music

Music Player allows you to play music files that you have stored on your memory card. You can also create playlists. For more information, refer to "Music" on page 77.

My Files

Music files, photo files, video files, and so on, are saved on your memory card. These files are kept in folders. Use the My Files app to manage and view the folders and files on your microSD card. For more information, refer to "My Files" on page 93.

myAT&T

myAT&T allows you to manage your own AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan.

Initial Setup

- From a Home screen, touch Applications
 → myAT&T
 .
- Sign into your Google Account. If you have not set up an account, see "Creating a New Google Account" on page 11.

After signing into your Google Account, the Android Market displays the **myAT&T** application.

- Touch the application.
 The myAT&T description page displays.
- 4. Touch Install and follow the on-screen instructions.

Using myAT&T

When myAT&T has been successfully downloaded, the application is ready to use.

From a Home screen, touch Applications
 → myAT&T
 .

The myWireless Mobile page is displayed.

- Read the End User Software License Agreement and touch Accept to continue.
- Enter your Wireless # and Password using the on-screen keypad, then touch Login.
- 4. Follow the on-screen instructions.

Navigation

Navigation is an internet-connected GPS navigation system with voice guidance. You can type or speak your destination.

Note: For voice-guided navigation, you need to install text-to-speech support from the Android Market.

For more information, refer to "GPS Applications" on page 153.

Launching Navigation

- 1. From a Home screen, touch Applications
 - → Navigation A.
- Read the Navigation information page and touch Accept to continue or Don't Accept to exit.

The Navigation main screen displays.

- Select one of the following options:
 - Speak Destination: Speak your destination.
 - **Type Destination**: Use the keypad to enter your destination.
 - Contacts: Displays a list of all of your contacts that have addresses listed.
 - Starred Places: Keep a list of favorite destinations, locations, restaurants, and so on. Just touch a starred place to get directions.
 - Recent Destinations: Access information on previous destinations you have used. This option only appears after you have entered one or more destinations.

Navigation Options

After the map displays, press **Menu Key** for the following options:

 Search: allows you to speak or type a destination, place, or service to search for.

- Route Info: provides an on-screen view of your start and destination points along with distance in miles and approximate driving time in minutes.
- Layers: are additional items that you can have displayed on your map.
 They include:
 - Traffic view: displays real-time traffic conditions so you can plan the fastest route.
 - **Satellite**: allows you to see you the map as a satellite image.
 - Parking: allows you to see registered parking areas.
 - Gas Stations: allows you to see registered gas stations.
- ATMs & Banks: allows you to see registered ATMs and Banks.
- Restaurants: allows you to see registered restaurants.
- Mute/Unmute: allows you to mute or unmute your navigation tones.
- Exit Navigation: exits the Navigation application and returns you to the Application Menu screen.
- More: includes the following options:
 - Directions List: displays the directions for your most recent destination.
 - Set Destination: displays the Choose Destination screen where you can speak or type your destination.
 - **Help**: takes you to the Google Mobile Help web page.
 - Terms, Privacy & Notices: displays Terms and Conditions for Google mobile products, the Google Privacy Policy, and Google legal notices.

Obtaining Driving Directions

Your phone's built-in GPS hardware allows you to get real-time driving directions to selected locations or establishments based on your current location.

Using a Physical Address

- From a Home screen, touch Applications
 → Navigation .
- 2. Touch either Speak Destination or Type Destination.
- If typing in the address, enter the address, City, and State using the keypad. As you type, possible addresses display. Touch one when you see the address you want.
 - or -

Touch Go on the keyboard.

The Complete action using pop-up displays.

4. Touch AT&T Navigator or Navigation.

The route displays.

As you drive, the route display is updated and you receive voice-guided navigation directions.

News & Weather

View Google news and weather.

- From a Home screen, touch Applications → News & Weather
- 2. Press the **Menu Key** for these options:
 - Refresh: Update the application from the Google servers.
 - Settings:
 - Weather settings: Choose location(s) and set the metric for temperature displays.
 - News settings: Choose topics, configure settings for fetching articles and images, and view the terms of service for news service.
 - Refresh settings: Choose options for updating content.
 - Application version: Displays the application version number.

Places

Places is an application that uses Google Maps and your location to help you find Restaurants, Coffee, Bars, Hotels, Attractions, ATMs, and Gas Stations. You can also add your own locations.

The Places application allows you to find the best sources for business information across the web, including business listing details, reviews, photos, nearby public transit, and other related information. Business owners can provide additional details, like photos, hours of operation, and coupons.

- 1. From a Home screen, touch **Applications**

- → Places 🖤
- 2. Touch one of the business categories or touch Find places to search for a particular business.
 - All of the businesses that are close to you display.
- Touch a business that you want to see the details for.
- The business details such as address, phone, website, and location are displayed. You can also see reviews from around the web and from Google users.
- 5. From the Places main page, touch Add 🛨 to add your own business category.

Power Control

Active applications, Wi-Fi, Bluetooth, GPS, Synchronization, or the LCD Brightness functionality all act to drain your battery.

The Power Control widget is designed to guickly activate (turn on) or deactivate (turn off) those functions or applications that use the most battery power.

The following is a list of helpful tips that can help conserve your battery power:

- · Reduce your backlight time.
- Turn off Bluetooth, Wi-Fi, and Synchronization when not in use.
- Deactivate the GPS when it is not needed. Most applications that use this function periodically query the GPS satellites for the current location. Each guery drains your battery.
- Turn off Automatic application synchronization.
- . Close any applications that may be running in the background (such as Music Player).

To use the Power Control shortcut bar:

- 1. From a Home screen, touch and hold an empty area until the Add to Home screen menu displays.
- Touch Widgets → Power control.

The Power Control shortcut is added to a Home screen.

 Touch one of the icons on the Power Control widget to activate the application (Wi-Fi, Bluetooth, GPS, Synchronization, or LCD Brightness).



A green bar displayed beneath the icon means the application is activated (turned on).

Touch one of the icons a second time to deactivate the application.

The green bar is removed from beneath the icon, which means the application is deactivated (turned off).

Settings

This widget navigates to the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone. For more information, refer to "Settings" on page 113.

Talk

Google Talk is a free Windows and web-based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This allows you to search a chat log and store them in your Gmail accounts. For more information, refer to "Google Talk" on page 109.

Task Manager

The Task Manager application provides information about the processes and programs running on your phone, as well as the memory status. It can also be used to terminate processes and applications.

To access the Task Manager, follow these steps:

- 1. From a Home screen, touch **Applications**
 - → Task Manager 🛺.

- The Task Manager options are located at the top of the screen. The following options are available:
 - Active applications: displays all of the applications that are presently running on your phone. Touch End to end an application, or touch End all to end all running applications.
 - Package: displays the size of the application program packages.
 - RAM manager: displays the Random Access Memory (RAM) and allows you to clear different levels of RAM.
 - **Summary**: displays a summary of the phone's memory usage.
 - **Help**: displays information on how to extend battery life.

Voice Recorder

The Voice Recorder allows you to record an audio file and then immediately share it using Messaging, Gmail, Email, or Bluetooth. Recording time varies based on the available memory within the phone.

- 1. From a Home screen, touch Applications

- → Voice recorder <a> I <a> I
- To start recording, touch Record

- During the recording process you can either touch Stop stop and save the recording or Pause Pause to temporarily halt the recording. After pausing, touch Record to resume recording. Touch Cancel Cancel to cancel the recording. Otherwise, once the audio recording stops, the message is automatically saved.
- Touch List to display a list of all your voice recordings. Press the **Menu Key** to display the following options:
 - Share: Share one or all recordings using Bluetooth, Email, Gmail, or Messaging.
 - Delete: Touch recordings to mark them for removal or touch Select All. Touch Delete to delete the selected recordings.
 - Rename: Touch a recording, enter the new name, and touch OK.
 - **Settings**: the following settings are available:
 - Default name: Enter a name prefix for your recordings. For example, if your Default name is Voice, your recordings are named Voice 001, Voice 002. Voice 003, and so on.
 - Recording time: Touch a recording time. Options are: Limit for MMS, 1, 2, 3, 4, 5, or 60 minutes, or 12 hours. Select Limit for MMS to assure that the recording can be sent in a message.

- 5. Touch a voice recording in the recordings list to play it. Touch Pause to temporarily stop the playback, touch Play to resume the playback, touch Stop to stop the playback, or press the Menu Key to display the following options:
 - Delete: Touch OK to delete the recording.
 - Rename: Enter the new name and touch OK.
 - Share: Share the recording using Bluetooth, Email, Gmail, or Messaging.

Voice Search

The Voice Search feature is a voice-activated application that allows you to tell the phone what to search for and then the phone activates a Google search based on what you said.

- From the Home screen, touch on the right side of the Google Search bar.
 - or -

From a Home screen, touch **Applications** → **Voice Search** .

The Speak Now screen displays. Speak clearly into the microphone.

- The Working screen displays as it searches for you.
- Results display on the screen. Touch a link to view the information.
 - or -

The **Did you mean ...** screen displays if Voice Search was not able to find a match. Touch one of the listed suggestions, **Help.** or **Cancel**.

Web

Open Web to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone. For more information, refer to "Web" on page 139.

Yahoo Finance

Stay on top of the markets with the Yahoo Finance app for Android phones. Get real-time quotes, follow the market, or check out a particular stock. View headline news, top stories, and videos from Tech Ticker. Yahoo Finance lets you keep up with the market movers from your Android phone.

To add the Yahoo! Finance widget:

- Navigate to the desired Home screen, then touch and hold on the screen to display the Add to Home screen menu.

Adding Your First Stock

To add your first stock:

- From a Home screen, touch the Yahoo Finance widget.
 The Search markets search bar displays.
- Type in a stock name. Suggestions are displayed as you type.
- 3. Touch Q to start the search and touch an entry in the list of stocks that is displayed.
- The Yahoo Finance widget displays with information about the stock just added.

Managing Stocks

Once you add a stock, there are additional Yahoo Finance options you can use to add more stocks and set up how they are displayed and refreshed.

1. From a Home screen, touch the Yahoo Finance widget.

- 2. Press the **Menu Key** to display the following options:
 - My market list: Displays a list of the stocks you have added. Touch a stock entry to display the full stock information screen. Press the Menu Key limit to display these additional options:
 - Add: Add more stocks.
 - Delete: Select one or more stocks, or all stocks, and touch Delete.
 - Change order: Displays your stocks list. Touch and drag stocks to change the order in which they are displayed.
 - Settings: Displays the following options:
 - Auto scrolling: If you have added more than one stock, the Yahoo Finance widget displays information for each stock on a rotating basis.
 - Auto refresh: Choose a time interval for automatic refreshing of stock information. The choices are: None, Every 30 minutes, Every 1 hour, and Every 3 hours. When the setting is None, touch the refresh icon on the Yahoo Finance widget to update stock information.

Additional Options

There are more options available from the full stock information screen.

- From a Home screen, touch the Yahoo Finance widget.
 The full stock information screen for one of your stocks displays.
- If you have added more than one stock, touch either end of the heading bar to view the previous or next stock.

- Near the center of the screen, touch 1d (1 day),
 5d (5 days), 3m (3 months), 6m (6 months), or 1y (1 year) to view a stock performance graph for the requested period.
- Near the bottom of the screen, touch YAHOO! FINANCE to link to the Yahoo! Finance website. Touch Go to Mobile Website to view more financial information.
- At the bottom of the screen, touch Quotes delayed to read about real-time exchange quotes and access other Yahoo Finance online options, such as Top Stories and a currency converter.

YouTube

YouTube[™] is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts, and other original videos.

Note: YouTube is a data-intensive feature. It is recommended that you upgrade to an large data plan to avoid additional data charges.

- 1. From a Home screen, touch **Applications**
 - → YouTube You .

The Terms of Service displays.

2. Touch Accept to continue.

The YouTube home screen displays.

- Touch to open the phone's camcorder.
- Record a video and touch Save. The YouTube Upload video screen displays.
- Enter a title and touch Upload to upload your video.
- Touch the search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
- To view a video, touch an available preview thumbnail or touch the title link.
 - If you prefer high quality video, as the video starts to play, touch **HQ**.
 - Touch the screen to display the progress bar. The elapsed time displays on the left end of the progress bar and total video time displays on the right end of the progress bar.
 - Press the Back Key to return to the YouTube Home screen.

Note: It is not necessary to sign in to the YouTube site to view content.

However, if you want to sign in to access additional options, access the page via the Web browser and touch Sign in at the top right corner, enter your YouTube or Google username and password, and touch Sign in.

- **6.** Press the **Menu Key** to display the following options:
 - Home: Return to the main YouTube page.
 - Browse: Browse videos by categories like All, Autos & Vehicles, Comedy, Education, Entertainment, Music, and so on. Touch the desired category to display video thumbnails.
 - Search: Search for specific videos.
 - My Channel: Upload a video, see your favorites, manage your playlists, and display your subscriptions.
 - Upload: Upload a video from the Gallery.
 - Settings: Configure display and search settings and view information about the application.

Options While Viewing a Video

While viewing a video, rotate the phone to portrait mode to display additional options:

- Touch to indicate that you like the video.
- 2. Touch to indicate that you do not like the video.
- 3. Touch **More** to display the following options:
 - Flag: Flag the video for YouTube review.
 - Save to: Save the video.
 - Favorite: Mark this video as a favorite.
 - Share: Share the video by way of Bluetooth, Email, Facebook, Gmail, or Messaging.
 - Copy URL: Copy the URL of the video to the clipboard. For more information, refer to "Copying a Hyperlink or URL" on page 142.
- 4. Touch one of the tabs near the center of the screen (or sweep across the screen):
 - Info: Displays more information about the video.
 - Related videos: Displays videos related or similar to the video that is playing.
 - Comments: Displays comments made by other YouTube members.

Yellow Pages

The Yellowpages Mobile application provides quick and ready access to businesses, map locations, and storage of your favorite searches. This application helps you access local businesses, locations, and events, connecting you to your search in real-time.

Download and Install YPmobile

The first time you access YPmobile, you have to download the app from the Android Market.

- From a Home screen, touch Applications
 - → YPmobile YP .

The Market YP Yellow Pages description page displays.

- Touch Update.
 - The Permissions page displays.
- Read the Permissions and touch Accept & download, then wait for YPmobile to be download and installed.

Accessing YPmobile

Once installed, you can access and use YPmobile.

- 1. From a Home screen, touch **Applications**
 - → YPmobile yp .
- Read the End-User License Agreement (EULA) and touch Accept to continue.

The YPmobile home screen displays with your present location in the Near field at the top of the screen. Your location is found using GPS.

YPmobile Options

The following options are available from the YPmobile Home screen.

- Touch the Near field to enter a new location. Use the keypad and touch Done.
- Touch the temperature at the top, right of the screen to display more weather information including a five-day weather forecast.

- 3. Touch the Find a business nearby! field.
 - Enter a subject or business name in the What field.
 - Use your current location or enter a different address in the Near field.
 - · Touch Search.
 - or -
 - Touch Q to use voice actions to communicate your search request.

A search results list displays with names and locations. Ratings and reviews are also displayed, if available.

- Touch one of the quick search icons (Coffee, Restaurants, Pizza, Movie Theaters, Bars, Banks, Hotels, Auto, and more) to quickly find these types of businesses.
- Touch Personalize Your Search! to define what appears on your YPmobile Home screen.
 - Touch Add a New Search to add an new search to the YPmobile Home screen.
 - For All Deals and All Events, touch the Edit button to set the categories used. Touch the ON/OFF button to enable or disable the search items.
 - · Touch the **Delete** button to remove previous search items.

- Touch **Done** to return to the YPmobile Home screen and save your updates.
- 6. Press the Menu Key or touch the appropriate icon at the bottom of the screen to display additional options. For more information, refer to "YPmobile Menu Options" on page 183.

Search Results List Options

The following additional options are available from the Search Results screen.

- Touch the Near field to enter a new location. Use the keypad and touch Done.
- Touch the Sort button to sort the list by Best Match, Distance (from the current location), or Name.
- 3. Touch to display a map showing the business locations. Touch a location to see an info pop-up, then touch Call to call the business. Touch to display the list. For more information, refer to "Zooming" on page 167.

- Touch an entry to display more information and options for the business including websites and a list of similar businesses. You can also write a review of the business. Touch the arrows at the top, right of the screen to view the previous or next business in the results list.
- 5. Touch and hold an entry to call, see the location on a map. share the business information (by way of Email, text message, Facebook, or Twitter), display more information, or save the item to My Stuff or to your Address Book.
- Touch the **Search Businesses** field to enter new search parameters.
- 7. Press the Menu Key or touch Browse or My Stuff at the bottom of the screen to display additional options. For more information, refer to "YPmobile Menu Options" on page 183.

YPmobile Menu Options

The following menu options are available from any YPmobile screen:

From a Home screen, touch Applications



→ YPmobile VP .

- 2. Press the **Menu Key** to display the following options:
 - **Home**: Displays the YPmobile Home screen.
 - Businesses: Displays the last business search list. Touch the **Search Businesses** field to enter new search parameters.
 - Deals: List deals near your location. Sweep the categories (All. Auto. Dining, and so on) and touch a category to list deals for that category. Touch and hold an entry to call, see the location on a map, display more information, or save the item to My Stuff or to vour address book.
 - Events: List events near your location. Sweep the categories (All, Arts & Crafts, Business & Tech, and so on) and touch a category to list events for that category. Touch and hold an entry to call, see the location on a map, share the event (by way of Email, text message, Facebook, or Twitter), display more information, or save the item to My Stuff.
 - . My Stuff: Displays Deals, Businesses, and Events you have saved. Also lists a history of your inquiries. Touch Clear History to remove all history entries. Under Settings, touch Deals Alerts to get alerts when new deals are posted.
 - Browse: Displays a list of business categories, such as Restaurants, Pizza, Bars & Clubs, Coffee, and so on, Touch an entry to start the search.

Section 11: Health and Safety Information

This section outlines the safety precautions associated with using your phone. The terms "mobile device" or "cell phone" are used in this section to refer to your phone. Read this information before using your mobile device.

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://com.iarc.fr/en/media-centre/pr/.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to Radio Frequency (RF) energy from cell phones — and at this point we do not know that there is — it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce

risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hands-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- · Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly

precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program: <u>http://www.fcc.gov/oet/rfsafety/.</u>
- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/.

(Note: This web address is case sensitive.)

- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/ RadiationEmittingProductsandProcedures/ HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

WCDMA/GSM/EDGE

The highest reported SAR values are:

- Head: 0.54 W/kg
- . Body-worn accessory: 0.97 W/kg
- Product specific (wireless router): 0.97 W/kg
- · Simultaneous transmission: 1.21 W/kg

WLAN

The highest reported SAR values are:

- Head: 0.14 W/kg
- Body-worn accessory: 0.23 W/kg
- Product specific (wireless router): 0.23 W/kg
- Simultaneous transmission: 1.21 W/kg

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at http://www.fcc.gov/cgb/sar.

Smart Practices While Driving

On the Road - Off the Phone

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or talking on a mobile phone — unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired. Samsung is committed to promoting

responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before answering calls, consider your circumstances. Let the call go to voicemail when driving conditions require. Remember, driving comes first, not the call!

If you consider a call necessary and appropriate, follow these tips:

- · Use a hands-free device;
- Secure your phone within easy reach;
- Place calls when you are not moving;
- Plan calls when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the call if necessary;
- . Do not take notes or look up phone numbers while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as text messaging, Web browsing, or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to http://www.ctia.org.

Battery Use and Safety

Important!: Handle and store batteries properly to avoid injury or damage.

Most battery issues arise from improper handling of batteries
and, particularly, from the continued use of damaged batteries.

- Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery. Do not put a high degree of pressure on the battery. This can cause leakage or an internal short-circuit, resulting in overheating.
- Do not let the phone or battery come in contact with liquids.
 Liquids can get into the phone's circuits, leading to corrosion. Even
 when the phone appears to be dry and appears to operate normally,
 the circuitry could slowly corrode and pose a safety hazard. If the
 phone and/or battery get wet, have them checked by your service
 provider or contact Samsung, even if they appear to be working
 properly.
- Do not place your battery in or near a heat source. Excessive
 heating can damage the phone or the battery and could cause the
 phone or the battery to explode. Do not dry a wet or damp battery with
 an appliance or heat source such as a microwave oven, hair dryer,
 iron, or radiator. Avoid leaving your phone in your car in high
 temperatures.
- Do not dispose of the phone or the battery in a fire. The phone or the battery may explode when overheated.

- Do not handle a damaged or leaking battery. Do not let leaking battery fluid come in contact with your eyes, skin or clothing. For safe disposal options, contact your nearest Samsung-authorized service center.
- Avoid dropping the cell phone. Dropping the phone or the battery, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not allow the battery to touch metal objects. Accidental short-circuiting can occur when a metallic object (coin, key, jewelry, clip, or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

Important!: Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone.

Warning!: Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the phone caused by non-Samsung-approved batteries and/or chargers.

- Do not use incompatible cell phone batteries and chargers. Some
 websites and second-hand dealers not associated with reputable
 manufacturers and carriers, might be selling incompatible or even
 counterfeit batteries and chargers. Consumers should purchase
 manufacturer or carrier-recommended products and accessories. If
 unsure about whether a replacement battery or charger is compatible,
 contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your mobile device, batteries, and accessories may not be available in your area.

We've made it easy for you to recycle your old Samsung mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded mobile device and batteries for recycling at one of our numerous Samsung Recycling Direct (SM) locations. A list of these locations may be found at:

http://pages.samsung.com/us/recyclingdirect/ usactivities_environment_samsungrecyclingdirect_locations.jsp.

Samsung-branded devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used mobile device or batteries at many retail or carrier-provided locations where mobile devices and batteries are sold. Additional information regarding specific locations may be found at: http://www.epa.gov/epawaste/partnerships/plugin/cellphone/

http://www.epa.gov/epawaste/partnerships/plugin/cellphone index.htm or at http://www.call2recycle.org/.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://www.samsung.com/us/mobiletakeback and follow the instructions to print out a free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect

Or call, (877) 278-0799.

Follow local regulations regarding disposal of mobile devices and batteries

Dispose of your mobile device and batteries in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited. Help us protect the environment — recycle!

Warning!: Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, refer to "Standard Limited Warranty" on page 204.

GPS & AGPS

Certain Samsung mobile devices can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Certain Samsung mobile devices can also use an Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider,

applications providers, Samsung, and other third-parties providing services.

Use of AGPS in Emergency Calls

When you make an emergency call, the cellular network may activate AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and might not work in your area. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the mobile device for as long as the emergency responder instructs you.

Navigation

Maps, directions, and other navigation data may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs.

Emergency Calls

This mobile device, like any wireless mobile device, operates using radio signals, wireless and landline networks, as well as user-programmed functions, which cannot guarantee connection in all conditions, areas, or circumstances. Therefore, you should never rely solely on any wireless mobile device for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel. Remember, to make or receive any calls, the mobile device must be switched on and in a service area with adequate signal strength.

Emergency calls may not be possible on all wireless mobile device networks or when certain network services and/or mobile device features are in use. Check with local service providers.

To make an emergency call:

- 1. If the mobile device is not on, switch it on.
- 2. From the Home screen, touch . The dialer displays.
- Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
- 4. Touch the key.

If certain features are in use (call blocking, for example), you may first need to deactivate those features before you can make an emergency call. Consult your User Manual and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your mobile device may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion. Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing, Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you
 choose to listen to your portable device in a noisy environment, use
 noise-cancelling headphones to block out background environmental
 noise. By blocking background environment noise, noise cancelling
 headphones should allow you to hear the music at lower volumes than
 when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.

Do not listen at any volume that causes you discomfort. If you
experience ringing in your ears, hear muffled speech, or experience
any temporary hearing difficulty after listening to your portable audio
device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org/Pages/default.aspx

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- . Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;

 Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-fags.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless mobile devices under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless mobile devices be compatible with hearing aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities. While some wireless mobile devices are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless mobile device rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



If a hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless mobile device.

"Normal usage" in this context is defined as a signal quality that is acceptable for normal operation. The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Bules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC/Wi-Fi for Newer Technologies

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device. Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device or install the mobile device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of cell phone services to the offender, or legal action, or both.

Section 12: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's handsets and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Phone 1 Year
Batteries 1 Year
Case/Pouch/Holster 90 Days
Other Phone Accessories 1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of the Product. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and

cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced. damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG: (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source: (i) defects or damage resulting from cellular signal reception or transmission, or viruses or other software problems introduced into the Product; or (i) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are

broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG's sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, you must return the Product to an authorized phone service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address. To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

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This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED. EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY. Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are \$5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or \$50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed \$5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out. you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive Richardson, Texas 75082

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If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the Samsung Customer Care Center for details

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

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